



Interface Control Document
for the
Student and Exchange Visitor Information System
Batch Interface

December 20, 2002

NOTICE OF CHANGES

This version of the Interface Control Document (ICD) for the SEVIS Batch Interface is an update to the version dated September 20, 2002. Below is a listing of the updates from that version:

No.	Page(s) Affected	Summary of Update
1.	Pages 1-18	Updated process descriptions to reflect SEVIS Batch functionality is in production mode and SEVIS Batch Beta Testing has commenced. Increased the number of days the download results will be retained from 96 hours to 7 days. Updated events that may be processed through the batch interface and those that permit printing an I-20 or DS-2019. Updated listing of Lookup Tables.
2.	Pages 1-18 and Appendices	Updated entire document to reflect the J functionality for the SEVIS Batch Interface.
3.	Appendices	Removed XML schemas from the Appendices. XML schemas are posted on the INS SEVIS web site in separate files.
4.	Appendices	Removed Lookup Tables. All lookup tables are posted on the INS SEVIS web site in separate files.
5.	Appendices	Updated listing of data elements for each schema to reflect system changes and modifications that have been implemented since 09/20/2002. Added column entitled "Business Rules" to document basic business processing rules for each element or attribute. Added ruled lines to data element tables to more clearly depict levels within schema.
6.	Appendices C and D	Added the table references for name suffix, dependent type, gender codes, education level, off campus employment, employment time, matriculation codes, and issue reason.
7.	Appendix C	Corrected the data length for element "TerminationReason" for exchange visitors.
8.	Appendix B	Replaced the Description column in the Error Code tables to list the actual Error Message that is returned for F/M and J error messages.
9.	Section 2.6	Incorporated procedures for Batch Beta Testing that were previously posted on the INS Web site. Changed procedures to use https://egov2.ins.usdoj.gov/sevis rather than https://egov3.ins.usdoj.gov/sevis for Batch Beta Testing.

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1. INTRODUCTION

This Interface Control Document specifies the batch interface between the Student and Exchange Visitor Information System (SEVIS) and the institutions' internal systems (user systems). The user systems are either in-house systems or third-party products used by the schools and program sponsors to collect and maintain information on foreign students, exchange visitors, and dependents. Appendix A, Acronyms, provides a list of acronyms and abbreviations used in this document.

1.1 Purpose

The purpose of SEVIS is to facilitate timely reporting and monitoring of foreign students and exchange visitors in the United States. SEVIS is an Internet-based application for electronically tracking and reporting on foreign students and exchange visitors in the United States. SEVIS enables schools and program sponsors to transmit data electronically to the Immigration and Naturalization Service (INS) and Department of State (DoS) throughout a student's or exchange visitor's program in the U.S.

1.2 Scope

SEVIS' scope includes the range of activities associated with the capture of data surrounding student and exchange visitor pre-arrival activities, arrival, status while in the U.S., and program completion.

1.3 Reference Documents

The following standards and references were used to compose this document:

- U.S. Federal Information Processing Standard (FIPS) No. 10
- The Hypertext Transfer Protocol ("HTTP/1.1")
- XML Schema Recommendation, May 2, 2001, World Wide Web Consortium (W3C)
- Classification of Instructional Programs: Year 2000 (CIP 2000), National Center for Education Statistics

2. DESCRIPTION

The batch data exchange process described in this document is the method for automated exchange of data between SEVIS and schools and program sponsors using the Internet.

2.1 System Overviews

Schools and program sponsors may use systems external to SEVIS to create and update student, exchange visitor and dependent (visa classes F, M and J) records and upload the records to SEVIS. Schools and program sponsors must register within SEVIS to use the batch interface and conduct beta testing before beginning to use the SEVIS Batch Interface. SEVIS Real-Time Interactive (RTI) provides registration functionality for the schools and program sponsors. Instructions detailing the batch registration process are posted on the INS SEVIS Web site. Schools and program sponsors will extract their student, exchange visitor and dependent data from their system into an XML file that conforms to the appropriate SEVIS XML schema. This XML file will be transmitted to SEVIS using the batch interface.

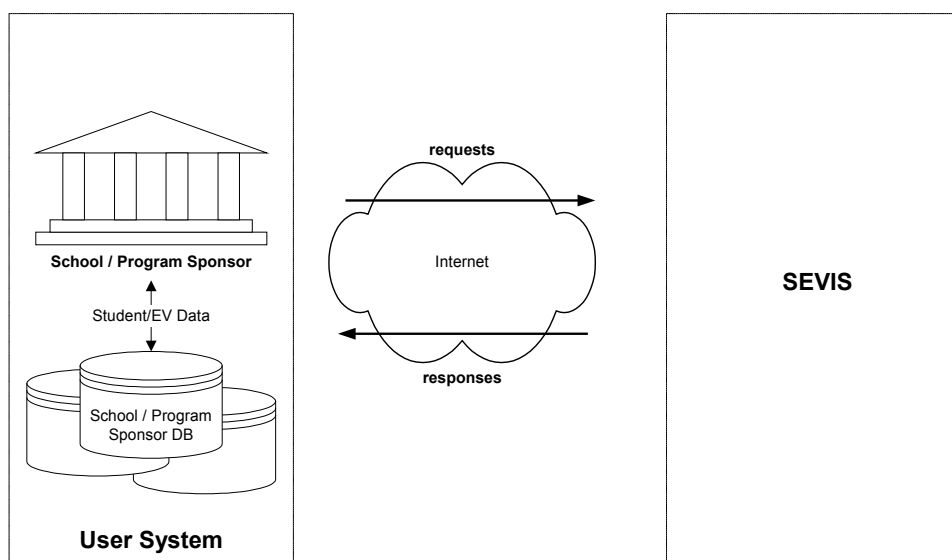
SEVIS will validate the uploaded XML document, process the records in the document, and create a compressed file for later retrieval by the user systems. The compressed file will include the following:

- An XML transaction log which will:
 - Include the unique record identifier provided by the school or program sponsor and the status (successful or failure) of applying the data to SEVIS
 - Append a SEVIS ID to records that successfully created a student, exchange visitor, or dependent through the batch process
 - Include error codes for any records not successfully processed. See Appendix B, SEVIS Batch Process Error Codes, for error codes generated during the batch process.
- PDF files containing I-20 or DS-2019 forms

Schools and program sponsors may use the batch interface to upload data to SEVIS during the hours in which the e-Gov environment is available (Monday 6:00 a.m. – Saturday 12:00 a.m. EST). Batch data files will be processed during the non-production hours of the e-Gov environment. The results of processing files received by 11:59 p.m. EST will be available to the user systems the next business day.

Exhibit 1, SEVIS Batch Process Overview, provides a high-level representation of the batch process and the data exchanged between SEVIS and the system of a school or program sponsor.

Exhibit 1: SEVIS Batch Process Overview



The key equipment and software components identified for the user system environment include the following:

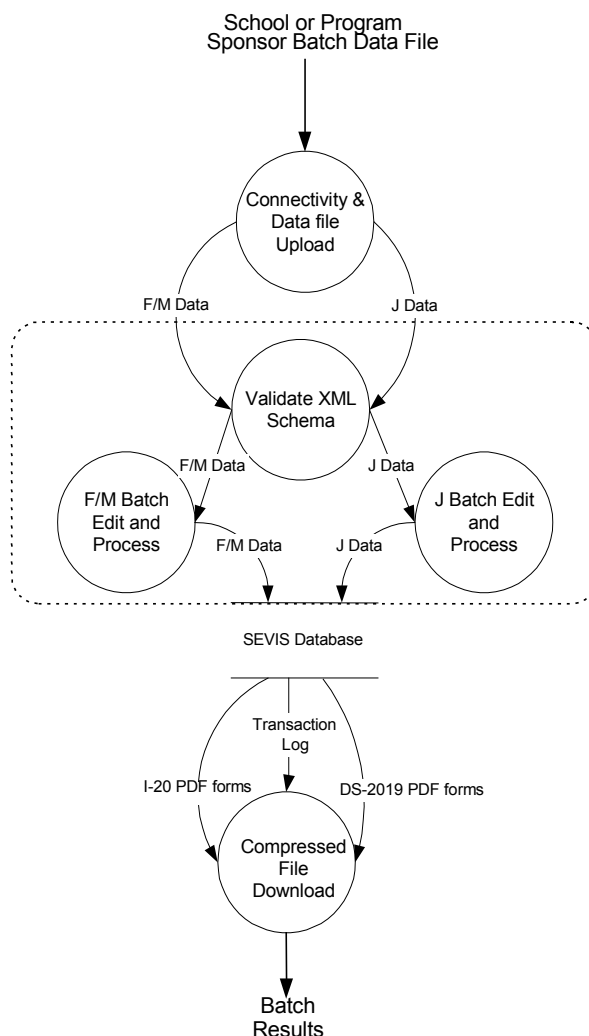
- Laser-quality printer (minimum resolution of 600x600 dpi) (required for successful printing of PDF forms)
- Class 1 Digital certificate granted by VeriSign, Inc.
- School or program sponsor's own hardware and software
- Internet Access

The INS SEVIS Web site will contain information necessary to use the batch interface, including the current versions of the SEVIS Lookup (Codes) Tables, the SEVIS XML schemas, and user support documentation relating to the batch interface.

2.2 Functional Allocation

The basic operations performed by SEVIS and the user systems during the data exchange are shown in Exhibit 2, SEVIS Batch Process Functionality.

Exhibit 2: SEVIS Batch Process Functionality



The sequence of events in the batch process is as follows:

1. The schools and program sponsors extract applicable student, exchange visitor, and dependent data from their systems into an XML document compliant with the SEVIS XML schema. Each XML batch document must only contain data particular to a single SEVIS school code or SEVIS program number (SEVIS school codes and program numbers are assigned during the certification and designation processes). The maximum number of records that may be included in the XML batch document is 250 create records and 250 update records.
2. The school or program sponsor's XML document will be validated against the SEVIS XML schema. Batch files that do not conform to the SEVIS XML schema will be rejected. The

SEVIS XML schemas used to validate the batch files are available from the INS SEVIS web site.

3. SEVIS will process all valid XML files during the non-production hours of the e-Gov environment. During this processing, each record is validated against the SEVIS eligibility business rules.
4. Each record that is successfully validated against the eligibility business rules is applied to the SEVIS system. A unique SEVIS ID will be generated and assigned to each newly created student, exchange visitor, and dependent record. Updates will be applied to existing student, exchange visitor, and dependent records in SEVIS. For each batch record processed, a record is written to the XML transaction log.
5. SEVIS will create a PDF file for each record that results in the creation of an I-20 or DS-2019 form. Each I-20 or DS-2019 will be provided in a separate PDF file that may be printed by the user system.
6. The PDF files and XML transaction log will be compressed into a single file in zip format. User systems must download this compressed file.
7. When ready to download the batch data file, the user system sends a request to download the batch process results. The batch process results will be available for download for a period of seven days from the time they are made available. The system automatically deletes files that are not downloaded within the seven-day period. It is advised that school and program sponsors account for this when scheduling the download process.
8. Once the compressed file is downloaded, the schools or program sponsors can unzip the compressed file and use their own systems to process the transaction log and print the enclosed forms.

2.3 Data Transfer

As shown in Exhibit 3, SEVIS Batch Data Transfer Process, connection with the SEVIS Batch process is accomplished using HyperText Transfer Protocol Secure (HTTPS).

The user system will post an XML document compliant with the SEVIS XML schema to SEVIS. SEVIS will return an XML reply with the HTTP response indicating the result of the XML document post.

Following a successful upload, SEVIS authenticates and verifies the school or program sponsor's information prior to processing data from the batch data file. Once SEVIS verifies the identity of the institution, it then processes the data forwarded by the institution. Results of the batch process will be communicated back to the user system via an XML-based transaction log. This includes the validity of the request, data content, data format, and data semantics. The generated transaction log aids the school or program sponsor in identifying errors within their XML document. Any corrected records may then be resubmitted to SEVIS.

SEVIS generates a compressed file for each batch XML document accepted. The compressed file is referenced by the batch identifier supplied with the uploaded XML document. The school

or program sponsor retrieves a compressed file that includes the transaction log and any generated I-20 or DS-2019 PDF files.

Exhibit 3: SEVIS Batch Data Transfer Process

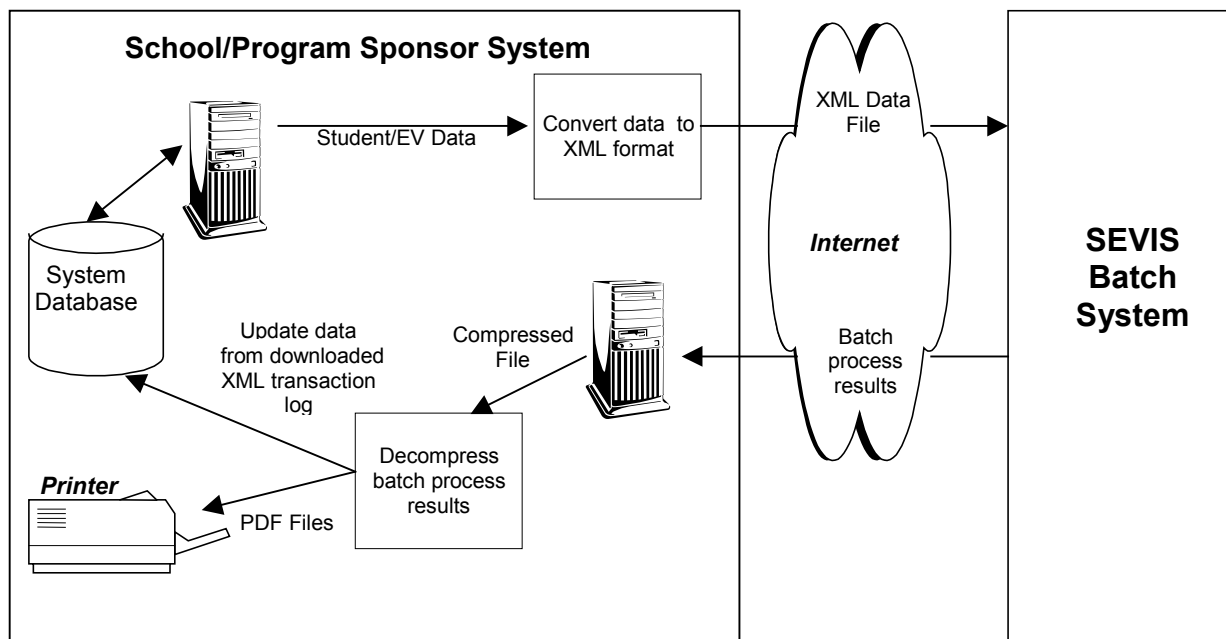


Exhibit 4, Batch Interface Data Transfers, summarize the types of data files, their format, and data transfer method.

Exhibit 4: Batch Interface Data Transfers

Data File Types	Uploaded to SEVIS	Downloaded from SEVIS	Format
Batch Data File (containing create and update requests for students, exchange visitors, and dependents)	Yes		XML
Transaction Log		Yes	XML
I-20 or DS 2019		Yes	PDF

Following are sizing estimates for SEVIS PDF files and the compressed files:

Single PDF Size

Average size of one I-20 PDF = 130 KB

Average size of one DS-2019 PDF = 110 KB

Estimated I-20 Size – Multiple Records - Unzipped

Estimated size of 100 I-20 PDF files = 13 MB

Estimated size of 500 I-20 PDF files = 65 MB

Estimated size of 1,000 I-20 PDF files = 130 MB

Estimated I-20 Size – Multiple Records - Zipped

Estimated size of zip file containing 100 I-20s = 10.5MB

Estimated size of zip file containing 500 I-20s = 52.7 MB

Estimated size of zip file containing 1,000 I-20s = 105.3 MB

Estimated DS-2019 Size – Multiple Records – Unzipped

Estimated size of 100 DS-2019 PDF files = 11 MB

Estimated size of 500 DS-2019 PDF files = 55 MB

Estimated size of 1,000 DS-2019 PDF files = 110 MB

Estimated DS-2019 Size – Multiple Records – Zipped

Estimated size of zip file containing 100 DS-2019s = 8.9 MB

Estimated size of zip file containing 500 DS-2019s = 44.5 MB

Estimated size of zip file containing 1,000 DS-2019s = 89.11 MB

Estimated Transaction Log Size

The transaction log will be minimal in size.

2.4 Transactions

The following transactions are available through the SEVIS Batch Interface:

- Create-update student and dependent records in SEVIS
- Create-update exchange visitor and dependent records in SEVIS
- Download batch processing results for students and dependents
- Download batch processing results for exchange visitors and dependents

2.4.1 Create-Update Student and Dependent Data

Schools must correctly create their XML files for batch processing based on the SEVIS XML schemas. Schools must use the Create-Update Student and Dependent Schema to create the file to be uploaded. This schema specifies the header information and record formats, and includes a print request indicator for the appropriate create and update records. However, not all batch requests allow a print request. For instance, when terminating a dependent, the school may not request the generation of an I-20 PDF for that dependent.

The table in Appendix C, Create-Update Student and Dependent Data Elements, describes the data elements and definitions contained within the schema. The events listed in Exhibit 5, SEVIS Batch – RTI Event Matrix for Students and Dependents, are the events that can be performed for students and dependents through the batch interface. The I-20 Print Request Available column in the table identifies the events for which a school may request an I-20 PDF file for printing purposes.

**Exhibit 5: SEVIS Batch – RTI Event Matrix for Students
and Dependents**

Student Event (F-1, F-2, M-1, M-2)	Available Through:		I-20 Print Request Available
	RTI	Batch	
Create New Student	Yes	Yes	Yes
Create Dependent	Yes	Yes	Yes
Authorize to drop below full course of study	Yes	Yes	Yes
Complete Student's Program	Yes	Yes	No
Extend Student's Program	Yes	Yes	Yes
Defer Attendance	Yes	Yes	Yes

Student Event (F-1, F-2, M-1, M-2)	Available Through:		I-20 Print Request Available
	RTI	Batch	
Disciplinary Action	Yes	Yes	No
Terminate Student	Yes	Yes	No
Register Student	Yes	Yes	Yes
Update Student's Personal Information	Yes	Yes	Yes
Update Student's Program Information	Yes	Yes	Yes
Update Student's Financial Information	Yes	Yes	Yes
Update Dependent's Personal Information	Yes	Yes	Yes
Reactivate Dependent	Yes	Yes	No
Terminate Dependent	Yes	Yes	No
Add New Dependent	Yes	Yes	Yes
Add Off-campus Employment	Yes	Yes	Yes
Add New CPT Employment	Yes	Yes	Yes
Add OPT Employment	Yes	Yes	Yes
Resume full course of study	Yes	Yes	Yes
Reprint I-20	Yes	No	N/A
Request Reinstatement	Yes	No	N/A
Transfer Student (Out/In/Same school)	Yes	No	N/A
Update CPT Employment	Yes	No	N/A

2.4.2 Create-Update Exchange Visitor and Dependent Data

Program sponsors must create well-formed and valid documents conforming to the Create-Update Exchange Visitor and Dependent Schema. The table in Appendix D, Create-Update

Exchange Visitor and Dependent Data Elements, describes the data elements and their definitions and provides some business processing rules associated with the elements.

The events listed in Exhibit 6, SEVIS Batch – RTI Event Matrix for Exchange Visitors and Dependents, are the events that can be performed for exchange visitors and dependents through the batch interface and those that must be performed through SEVIS RTI. The DS-2019 Print Request Available column in the table identifies the events for which a program may request a DS-2019 PDF file for printing on the user system.

**Exhibit 6: SEVIS Batch – RTI Event Matrix for Exchange Visitors
and Dependents**

Exchange Visitor Event (J-1 and J-2)	Available Through:		DS-2019 Print Request Available
	RTI	Batch	
Create EV	Yes	Yes	Yes
Create Dependent	Yes	Yes	Yes
Add Site of Activity	Yes	Yes	Yes
Validate Program Participation	Yes	Yes	Yes
Update Biographical Data	Yes	Yes	Yes
Add New Site of Activity	Yes	Yes	Yes
Delete Site of Activity Address	Yes	Yes	Yes
Update Subject/Field Code	Yes	Yes	Yes
Amend Program	Yes	Yes	Yes
Update Financial Information	Yes	Yes	Yes
Update Extension within the Maximum Duration of Participation	Yes	Yes	Yes
Update Matriculating Exchange Visitor (Matriculation)	Yes	Yes	Yes
Correct a Minor or Technical Infraction	Yes	Yes	Yes
Terminate Exchange Visitor	Yes	Yes	No

Exchange Visitor Event (J-1 and J-2)	Available Through:		DS-2019 Print Request Available
	RTI	Batch	
End Exchange Visitor Program	Yes	Yes	No
Update Dependent Personal Information	Yes	Yes	Yes
Terminate Dependent	Yes	Yes	No
End Status for a Dependent	Yes	Yes	No
Add New Dependent	Yes	Yes	Yes
Request Change of Category	Yes	No	N/A
Cancel Change of Category Request	Yes	No	N/A
Extend Exchange Visitor Beyond Maximum Duration of Participation Request	Yes	No	N/A
Cancel Extension Beyond Maximum Duration of Participation	Yes	No	N/A
Reprint DS-2019	Yes	No	N/A
Request Reinstatement	Yes	No	N/A
Cancel Reinstatement Request	Yes	No	N/A
Transfer Exchange Visitor (Out/In/SEVIS- to-SEVIS)	Yes	No	N/A
Update Site of Activity	Yes	No	N/A

2.4.3 Download Batch Process Results for Students and Dependents

For each create or update student or dependent record successfully processed, SEVIS will generate the I-20 PDF form, if requested. The transaction log will contain the results of each record processed. The Download Batch Process Results for Students and Dependents transaction will allow the schools to retrieve a compressed file containing the transaction log and any generated I-20 PDF files. The Student-Dependent Transaction Log Schema specifies the content of the SEVIS XML Transaction Log. Appendix E, Student-Dependent Transaction Log

Data Elements, contains the data descriptions and types for the Student-Dependent Transaction Log.

2.4.4 Download Batch Process Results for Exchange Visitors and Dependents

For each create or update exchange visitor or dependent record successfully processed, SEVIS will generate the DS-2019 PDF form, if requested. The transaction log will contain the results of each record processed. The Download Batch Process Results for exchange visitors and Dependents transaction will allow the program sponsors to retrieve a compressed file containing the transaction log and any generated DS-2019 PDF files. Appendix F, Exchange Visitor-Dependent Transaction Log Data Elements, contains the data descriptions and types for the Exchange Visitor-Dependent Transaction Log.

2.5 Security and Integrity

To enforce data transmission security and data integrity, the SEVIS Batch Interface performs numerous security checks. These include the use of digital certificates to authenticate the sender's identity and Secure Sockets Layer (SSL) to encrypt the network packets prior to transmitting over the public Internet.

Any data sent to SEVIS through the batch interface must be sent from a school or program sponsor. Third parties are not authorized to send data to the SEVIS system.

During the batch interface registration process, the school/program sponsor must provide SEVIS their digital certificate. If the digital certificate information is successfully verified and the school or program sponsor is in a valid status in SEVIS, the user system can begin utilizing the SEVIS Batch Interface.

When the user system initiates a session using the batch interface, SEVIS will carry out the following security measures:

- Verification that the digital certificate presented has been registered by the school or program sponsor
- Encryption of all information communicated during the session
- Validation that all SEVIS User IDs provided in any data files are associated with the school or program sponsor

2.6 Batch Beta Testing

Beta Testing for SEVIS Batch-File Transfer Process commenced on September 23, 2002 for F/M functionality and on November 15, 2002 for J functionality.

2.6.1 Batch Beta Testing Site

SEVIS Batch Beta Testing will be conducted using a test configuration that duplicates the SEVIS Production environment. The link provided below is the URL for the Real Time Interactive SEVIS application that will be used for SEVIS Batch Beta Testing:

<https://egov2.ins.usdoj.gov/sevis>

This test site will be available to schools and vendors at least through January 2003.

2.6.2 Batch Beta Testing Procedures for F/M Functionality

Schools and Vendors must follow the procedures documented below to begin SEVIS Batch Beta Testing of the F/M functionality:

1. Contact the SEVIS Help Desk at 1-800-892-4829 and provide the information listed below.
 - Organization name
 - POC Name
 - POC e-mail address
 - Phone number
 - Category of school (F only, F and M, or M only)

The SEVIS Help Desk will provide a test school name and the User ID and password associated with the PDSO for the assigned school.

2. Schools/Vendors must use a VeriSign® Class 1 Certificate utilizing at least 128-bit encryption to successfully complete SEVIS Batch Beta Testing.
3. Schools/Vendors will use the assigned test User ID and password to log on to the test SEVIS RTI and register for SEVIS Batch.

The procedures for registering for SEVIS Batch processing are documented in the *Reference Manual for the Student and Exchange Visitor Information System Batch Interface* that is available from the INS Web site.
4. Schools/Vendors create and upload test batch files.
5. SEVIS will verify the registration, the PDSO User ID, and digital certificate, and validate the upload file against the approved SEVIS XML schema. SEVIS will then apply the requested actions in the upload file to the SEVIS database, e.g., create new student records or update existing student records. These records may be viewed by accessing SEVIS RTI using the User ID and password assigned to your institution.
6. A transaction log will be created documenting the results of the schema validation and business rule processing.
7. Schools/Vendors download the transaction log and review the file for any possible validation errors or processing errors.

2.6.3 Batch Beta Testing Procedures for J Functionality

Batch Beta Testing for J functionality will follow procedures similar to the F/M process. If your institution has already been assigned a test school, we request that you use the same User ID to establish a Program for testing of the J functionality.

The steps described below should be completed to register in the SEVIS Batch Beta Testing environment for J functionality.

1. Access the Batch Beta Testing web site at <https://egov2.ins.usdoj.gov/sevis> and select the Register for New Account link from the SEVIS Log in Page.
2. Enter the required information and select the option to “Apply for Designation by the DoS to admit J Exchange Visitors.”
3. Complete registration by clicking on the “Submit” button. You will receive two e-mails from SEVIS; one e-mail containing the temporary User ID assigned for the purposes of creating a DS-3036 form and a second e-mail providing a link to the SEVIS Set Password page.
4. Complete the password assignment for the temporary User ID you received and log into SEVIS.
5. Complete the DS-3036 form as desired for the test Program you wish to establish. When you are requested to add officials on Page 4:
 - If you have already been assigned a test school for F/M functionality testing, select Add Existing Official and enter the User ID for the PDSO of your assigned test school. This will ensure that the RO and PDSO use the same User ID. This is consistent with processes in the SEVIS Production environment.
 - If you do not have an assigned test school, select Add New Official, enter the relevant information for the individual who will be the RO for your institution’s Batch Beta Testing.
6. Complete the remainder of the DS-3036 form and submit the form for approval. The SEVIS Help Desk will review and approve the form. Please ignore any instructions regarding mailing in hard copy forms or making payments.
7. Once the DS-3036 has been approved, you will receive e-mails from SEVIS notifying you that your program has been approved and providing you with your User ID and link to the SEVIS Set Password page. Access SEVIS to set your password and then log into the SEVIS Beta Test environment.
8. From the listing on the Main SEVIS page, select your program and then select Register for Batch Processing.

The procedures for registering for SEVIS Batch processing are documented in the *Reference Manual for the Student and Exchange Visitor Information System Batch Interface* that is available from the INS Web site.
9. Programs/Vendors create and upload test batch files.
10. SEVIS will verify the registration, the RO/ARO User ID, and digital certificate, and validate the upload file against the approved SEVIS XML schema. SEVIS will then apply the

requested actions in the upload file to the SEVIS database, e.g., create new exchange visitor records or update existing exchange visitor records. These records may be viewed by accessing SEVIS RTI using the User ID and password assigned to your institution.

11. A transaction log will be created documenting the results of the schema validation and business rules processing.
12. Programs/Vendors download the transaction log and review the file for any possible validation errors or processing errors.

Detailed instructions for accessing SEVIS, setting passwords, and using the system are provided in the SEVIS User Manuals posted on the INS SEVIS web site.

2.6.4 Support for Batch Beta Testing

The SEVIS Help Desk is available to provide limited support for Batch Beta Testing. While several of the SEVIS Help Desk personnel are former XML developers, they cannot assist with actual development or troubleshooting of your batch interface software. The SEVIS Help Desk can provide the latest versions of the XML schemas as well as sample upload files for use in troubleshooting your application.

3. SEVIS BATCH SPECIFICATIONS

The specific file formats utilized by the SEVIS Batch Interface for data exchange are the following:

- UTF-8—an American Standard Code for Information Interchange (ASCII)-compatible multi-byte Unicode and Universal Character Set (UCS) encoding format for XML
- Device independent and resolution independent PDF

All XML files must be well formed XML and valid to the SEVIS XML schema. The SEVIS XML schemas comply with the current XML recommendation defined by the World Wide Web Consortium (W3C).

3.1 SEVIS Batch File Specifications

The SEVIS Batch Interface will utilize multiple XML schemas. The following schemas will be used by the schools/program sponsors to provide data to SEVIS:

- Create-UpdateStudent.xsd - Defines the required format of the data file containing student information uploaded to SEVIS.
- Create-UpdateExchangeVisitor.xsd - Defines the required format of the data file containing exchange visitor information uploaded to SEVIS.

SEVIS will use the following XML schemas to provide data to the user systems:

- Upload_Result.xsd - Defines the format of the response from SEVIS upon uploading a Data File through the Batch Interface.
- Student_TransLog.xsd - Defines the format of the student transaction log file that is downloaded from SEVIS.
- EV_TransLog.xsd - Defines the format of the exchange visitor transaction log file that is downloaded from SEVIS.

SEVIS will use the following XML schemas internally:

- Common.xsd - Defines generic data structures that are referenced in Create-UpdateStudent.xsd.
- SevisTransLog.xsd - Defines the majority of common elements in the transaction log, and is referenced by Student_TransLog.xsd.
- SEVISTable.xsd - Contains many of the valid codes referenced in Create-UpdateStudent.xsd.

Note that XML does not allow certain special characters. Instead of using those characters, certain entity references may be used. The table in Exhibit 7, Special Characters Not Allowed in XML, provides the characters which are not allowed and the entity reference that may be used instead.

Exhibit 7: Special Characters Not Allowed in XML

Special Character	Entity Reference
<	<
&	&
"	"
>	>
'	'

The following sections explain each schema and provide data descriptions, options, and types.

3.1.1 Create-Update Student File Specifications

The Create-Update Student and Dependent schema (Create-UpdateStudent.xsd) may be used by schools to prepare XML documents for processing by SEVIS. Only schools that have been certified by the INS to admit academic and language and/or vocational students (visa classes F and M) are permitted to transmit data to SEVIS. The document will be populated with student and dependent data by the school system and sent to SEVIS. Each document uploaded to SEVIS must include a SEVIS UserID of the Principal Designated School Official (PDSO) and the SEVIS school code assigned during certification.

The User ID of the PDSO is used to indicate approval that the data contained in the document is accurate. Each individual record in the file must have the SEVIS User ID of the PDSO or DSO authorizing the create or update action and a unique transaction ID for reference purposes. The document may contain new student and dependent information or updates to existing students or dependents. Any update to student or dependent information must contain the SEVIS ID associated with that student or dependent.

Appendix C, Create-Update Student and Dependent Data Elements, contains the data descriptions, types, and options available for this schema. Refer to Section 3.2, SEVIS Batch Interface Communication Methods, for a description on how to initiate the interface with SEVIS to upload this data.

3.1.2 Create-Update Exchange Visitor File Specifications

The Create-Update EV and Dependent schema (Create-UpdateExchangeVisitor.xsd) may be used by program sponsors to prepare XML documents for processing by SEVIS. Only program sponsors that have been designated by the DoS to admit exchange visitors (visa class J) are permitted to transmit data to SEVIS. The file will be populated with exchange visitor and dependent data by the program sponsor system and sent to SEVIS. Each document uploaded to SEVIS must include a SEVIS UserID of the Responsible Officer (RO) or Alternate Responsible Officer (ARO) and the SEVIS program number assigned during designation.

The User ID of the RO or ARO is used to indicate approval that the data contained in the document is accurate. Each individual record in the document must have the SEVIS User ID of the RO or ARO authorizing the create or update action and a unique transaction ID for reference purposes. The document may contain new exchange visitor and dependent information or updates to existing exchange visitors or dependents. Any update to an exchange visitor or dependent must contain the associated SEVIS ID.

Appendix D, Create-Update EV and Dependent Data Elements, contains the data descriptions, types, and options. Refer to Section 3.2, SEVIS Batch Interface Communication Methods, for a description on how to initiate the interface with SEVIS to upload this data.

3.1.3 Upload Result File Specifications

The Upload Result schema (Upload_Result.xsd) is used by SEVIS to create an acknowledgement of the receipt of the data file back to the school or program sponsor system. This acknowledgement informs the school or program sponsor system whether or not the document was accepted for later processing. The upload document will only be processed if the result indicates that the document was accepted.

The upload result will include the following information:

- Date/Time file was uploaded
- Batch ID provided in upload
- Accept/Reject result of document upload attempt
- Error Code (if upload failed)

3.1.4 Student Transaction Log File Specifications

The Student-Dependent Transaction Log (Student_TransLog.xsd) is used by SEVIS to return processing results to a school. Refer to Section 3.2, SEVIS Batch Interface Communication Methods, for a description on how to retrieve the compressed file containing the transaction log. The information provided should be used to update the school's system with any newly generated SEVIS IDs.

The header portion of the transaction log will include the following information:

- Date/Time file was uploaded

- Name of file uploaded
- Batch ID provided in upload
- Accept/Reject result of document upload attempt
- File Upload error code
- Pass/Fail result of schema validation
- XML Schema Validation error code
- XML Schema Validation error message
- Total number of request records in uploaded file
- Number of request records successfully processed

Assuming the file upload and XML validation processes were successful, the body of the transaction log will include the following data fields for each record processed in the upload file:

- Unique Request ID
- SEVIS ID (of student)
- SEVIS User ID included in request
- Date/Time request was processed
- Pass/Fail Result of processing request against business rules
- Error Code
- Data Element in Error
- User-Defined field A (for student)
- User-Defined field B (for student)

Dependent Data (provided if creating or updating one or more dependents for a given student):

- SEVIS ID (of dependent)
- Pass/Fail result of adding/updating dependent
- Error Code
- Data Element in Error
- User-Defined field A (for dependent)
- User-Defined field B (for dependent)

Appendix E, Student-Dependent Transaction Log Data Elements, contains the data descriptions, types, and options.

3.1.5 Exchange Visitor-Dependent Transaction Log File Specifications

SEVIS uses the Exchange Visitor-Dependent Transaction Log schema (EV_TransLog.xsd) to return processing results to a program sponsor. Refer to Section 3.2, SEVIS Batch Interface Communication Methods, for information on how to retrieve the compressed file containing the transaction log. The information provided should be used to update the program sponsor's system with any newly generated SEVIS IDs.

The header portion of the transaction log will include the following information:

- Date/Time file was uploaded
- Name of file uploaded
- Batch ID provided in upload
- Accept/Reject result of document upload attempt
- File Upload error code
- Pass/Fail result of schema validation
- XML Schema Validation error code
- XML Schema Validation error message
- Total number of request records in uploaded file
- Number of request records processed

Assuming the file upload and XML validation processes were successful, the body of the transaction log will include the following data fields for each record processed in the upload file:

- Unique Request ID
- SEVIS ID (of exchange visitor)
- SEVIS User ID included in request
- Date/Time request was processed
- Pass/Fail Result of processing request against business rules
- Error Code
- Data Element in Error
- User-Defined field A (for exchange visitor)
- User-Defined field B (for exchange visitor)

Dependent Data (provided if creating or updating one or more dependents for a given exchange visitor):

- SEVIS ID (of dependent)
- Pass/Fail result of adding/updating dependent

- Error Code
- Data Element in Error
- User-Defined field A (for dependent)
- User-Defined field B (for dependent)

Appendix F, Exchange Visitor-Dependent Transaction Log Data Elements, contains the data descriptions, types, and options.

3.1.6 SEVIS Upload Results File Specifications

The SEVIS Upload Results file defines the format of the response from SEVIS upon uploading a Data File through the Batch Interface. The data elements for the “Upload_Result.xsd” schema are described in Appendix G, SEVIS Upload Results Data Elements.

3.1.7 SEVIS Validation/Lookup Tables

Exhibit 8, SEVIS Student and Dependent Lookup Tables; Exhibit 9, SEVIS Exchange Visitor and Dependent Lookup Tables; and Exhibit 10, SEVIS Common Lookup Tables, provide a list of lookup tables used by SEVIS. The tables are available from the INS SEVIS web site.

Exhibit 8: SEVIS Student, Exchange Visitor, and Dependent Lookup Tables

Table	Description
Student Creation Reason Codes	Reasons for creating a student record in SEVIS
Dependent Termination Codes	Reasons for terminating a dependent’s status (F-2, M-2)
Drop Below Full Course Reason Codes	Reasons for an F-1 or M-1 student dropping below a full course of study
Education Level Codes	Education levels for students
Employment Time Codes	Types of employment (Full-Time or Part-Time)
Employment Type Codes	Employment types for students, e.g., OPT, CPT, Off-Campus
Off-Campus Employment Reason Codes	Reasons why a student may be permitted to work off-campus
Student Termination Reason Codes	Reasons for terminating a student

Table	Description
Visa Issuance Post Codes	Codes representing the consulate office that issued the student's visa

Exhibit 9: SEVIS Exchange Visitor and Dependent Lookup Tables

Table	Description
Category Codes	Codes representing the program categories for exchange visitors
Exchange Visitor Creation Reason Codes	Reasons for creating an exchange visitor record in SEVIS
Dependent End Program Codes	Codes representing the reasons for ending a program for a dependent
Exchange Visitor Dependent Termination Codes	Codes representing the reasons a dependent could be terminated
End Program Reason Codes	Reasons for ending the program for an exchange visitor
Infraction Codes	Codes used to correct minor or technical infraction for an exchange visitor
International Organization Codes	Codes representing international organizations that provide funding to exchange visitors
Matriculation Codes	Code representing the matriculation type for the exchange visitor
Position Codes	Codes representing the position held by the exchange visitor in his/her home country
Exchange Visitor Termination Reason Codes	Reasons for terminating an exchange visitor's status
U.S. Government Agency Codes	Codes representing U.S. Government agencies that provide funding to exchange visitors

Exhibit 10: SEVIS Common Lookup Tables

Table	Description
Country Codes	Country codes as defined by Federal Information Processing Standards (FIPS 10-4), National Imagery and Mapping Agency
Dependent Type Codes	Dependent Type (spouse or child)
Gender Codes	Codes used to represent student, exchange visitor, or dependent gender (Male, Female, or Unknown)
Major/Minor Codes for Students and Subject/Field Codes for Exchange Visitors	Classification of Instructional Programs: Year 2000 (CIP 2000), National Center for Education Statistics
Name Suffix Codes	Codes used to represent the student, exchange visitor, or dependent name suffix, e.g., Jr., Sr.
Ports of Entry Codes	Codes associated with the ports of entry to the U.S.
State Codes	Two-digit codes representing the U.S. states
Visa Type Codes	Visa types, e.g., F-1, J-1

3.2 SEVIS Batch Interface Communication Methods

The SEVIS Batch Interface will use SSL and HTTPS to communicate with user systems over the Internet. The user system accessing SEVIS must have its registered VeriSign digital certificate installed. Once the user system has been validated by presenting the certificate, file transfer between the two systems can proceed.

Section 2.6, Batch Beta Testing, provides instructions for the schools and program sponsors on the registration and beta testing processes for the SEVIS Batch Interface.

APPENDIX A – ACRONYMS

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2D	Two-dimensional
ARO	Alternate Responsible Officer
ASCII	American Standard Code for Information Interchange
CA	Certificate Authority
CIP 2000	Classification of Instructional Programs: Year 2000, National Center for Education Statistics
CPT	Curricular Practical Training
DoS	Department of State
dpi	Dots Per Inch
DSO	Designated School Officials
DTD	Document Type Definition
ED	Department of Education
EST	Eastern Standard Time
EV	Exchange Visitor
FIPS	Federal Information Processing Standard
FRD	Functional Requirements Document
HTTP	Hypertext Transfer Protocol
HTTPS	Hypertext Transfer Protocol Secure
ICD	Interface Control Document
ID	Identification
INS	Immigration and Naturalization Service
IP	Internet Protocol

LZW	Lempel-Ziv Welch compression algorithm
MB	megabyte
MQ	Message Queue
OIRM	Office of Information Resources Management
OPT	Optional Practical Training
PDSO	Primary Designated School Official
PDF	Portable Document Format
RO	Responsible Officer
RTI	Real-Time Interactive
SEVIS	Student and Exchange Visitor Information System
SEVP	Student and Exchange Visitor Program
SSL	Secure Socket Layer
TCP	Transmission Control Protocol
TCP/IP	Transmission Control Protocol/Internet Protocol
UCS	Universal Character Set
URI	Uniform Resource Indicator
UTF-8	UCS Transformation Format 8
W3C	World Wide Web Consortium
XML	Extensible Mark-up Language
XSD	XML Schema Definition

APPENDIX B – SEVIS BATCH PROCESS ERROR CODES

APPENDIX B – SEVIS BATCH PROCESS ERROR CODES

Initial Processing Errors

Error message text is not provided for the Initial Processing Errors, therefore, a description of the error has been provided.

Code	Description
S0001	File Upload Unsuccessful
S0002	File does not comply with SEVIS XML schema. Parser Error message: XML Parser error message
S0003	School Code does not match digital certificate information
S0004	Program Number does not match digital certificate information
S0005	Program Number in POST does not match Program Number in XML file
S0006	School Code in POST does not match School Code in XML file
S0007	Batch ID in POST does not match Batch ID in XML file
S0008	Invalid UserID
S0009	UserID in Header not Authorized to Submit File
S0010	Duplicate Batch ID
S0011	Missing Required Fields
S0012	File Not Found
S0013	File Download Unsuccessful
S0014	File Name Invalid

F/M Eligibility Processing Errors

Code	Error Message
S1001	User Identification is invalid
S1002	User is not approved to perform this action
S1003	SEVIS ID not found
S1004	Duplicate student found with SEVIS ID(s) of [sevis_id list]
S1005	Request not valid based on student status
S1006	Error related to adding a spouse dependent. One of the following messages will be provided: 1. Multiple dependents may not be added with relationship of spouse (CreateDependent.Dependent.Relationship = '01'). Invalid dependent record for '[last name, first name]' 2. Spouse already exists
S1007	Date must be in future
S1008	Invalid month/day combination
S1009	Program start date must be before program end date
S1010	For an initial student (IssueReason.Initial = 'I'), EducationalInfo.PrgStartDate must be on or after today's date
S1011	Program start date must be in the past
S1012	Program end date must be in the future
S1013	Date must be in the past
S1014	Age of dependent child invalid
S1014	Age of dependent child is invalid. The actual message provided will be one of the following: 1. Dependent must be born on or after [current date - 21 years]. Invalid dependent record for '[last name, first name]' 2. Dependents must be born on or after [current date - 21 years]
S1015	CPT start date invalid – cannot have concurrent CPT
S1016	CPT request invalid. The message provided will be one of the following: 1. For an initial student (IssueReason.Initial = 'I') with an M-1 visa (StudentBioInfo.VisaType = '02'), EducationalInfo.PrgStartDate must be within 12 months of EducationalInfo.PrgEndDate

Code	Error Message
	2. For an initial student (IssueReason.Initial = 'I'), in a public institution with an F-1 visa (StudentBioInfo.VisaType = '01'), and pursuing secondary education (EducationalInfo.edLevel = '02'), EducationalInfo.PrgStartDate must be within 12 months of Educ
S1017	OPT start date invalid – cannot have concurrent OPT
S1018	OPT length invalid
S1019	Employment end date must be later than start date
S1020	OPT end date more than 14 months beyond program end date
S1021	OPT request invalid. The message provided will be one of the following: 1. OPT total exceeds allowable maximum 2. OPT training may not exceed 12 months for F-1 student
S1022	OPT training not allowed because CPT maximum already used
S1023	Invalid country of citizenship and major/minor combination
S1024	Student's total expenses exceed total funds. Actual message provided is as follows: StudentFinancial.FinancialExpense must be less than StudentFinancial.Funding
S1025	Invalid data. Error message will relate to the data provided. The various forms of this error message are listed below: 1. [EducationalInfo.PrimaryMajor, EducationalInfo.Minor, or EducationalInfo.SecondMajor] : student is prohibited from enrolling in this coursework 2. Authorized Drop Below start date must be previous to the end date 3. Birthdate cannot be in the future 4. Campus ID is missing 5. Cannot request CPT employment at an english language school 6. CPT employment segments may not overlap 7. CPT employment start and end dates must not be more than 1 year apart 8. CPT Employment start date may not begin before an existing CPT employment end date 9. Current session end date may not be earlier than next session start date 10. Current Session End Date must be equal to or later than today's date. 11. Dependent visa type does not match student visa type 12. Dependent visa type does not match student visa type. Invalid dependent record for '[last name, first name]' 13. Dependents terminated for a reason of 'Other' (code: 09) requires a text

Code	Error Message
	<p>explanation in element TerminateDependent.Remarks</p> <p>14. EducationalInfo.EduLevel may not be '01' for public institutions</p> <p>15. EducationalInfo.EduLevel may not be '07' for CPT requests</p> <p>16. EducationalInfo.EduLevel may not be '07' for OPT requests</p> <p>17. EducationalInfo.PrimaryMajor , EducationalInfo.SecondMajor and EducationalInfo.Minor updates are limited to F-1 visa students</p> <p>18. EducationalInfo.SecondMajor and EducationalInfo.Minor are limited to F-1 visa students</p> <p>19. Employment start date must be earlier than employment end date</p> <p>20. For a student with an F-1 visa (StudentBioInfo.VisaType = '01'), the OPT request must be made prior to the program end date</p> <p>21. For a student with an F-1 visa (StudentBioInfo.VisaType = '01'), the program end date may not extend beyond 12 months from the original program end date</p> <p>22. For a student with an M-1 visa (StudentBioInfo.VisaType = '02'), the program end date may not extend beyond 3 years from the original program start date</p> <p>23. For a student with an M-1 visa (StudentBioInfo.VisaType = '02'), the program end date may only be changed when the current date is between 60 days prior and 15 days prior to the current program end date</p> <p>24. For a student with an M-1 visa (StudentBioInfo.VisaType = '02'), the student may be authorized to drop below a full course of study for the following reasons only: (1) Illness / medical condition or (2) Part-time commuter</p> <p>25. New program end date may not be earlier than current program start date</p> <p>26. OPT Employment start date may not begin before an existing OPT employment end date</p> <p>27. OPT not authorized, student part-time for reason other then completing current study</p> <p>28. OPT requests for M-1 student must occur within 90 days prior to program end date</p> <p>29. OPT start date for M-1 Student must be after program end date</p> <p>30. School Code is missing</p> <p>31. School is prohibited from creating and modifying students of this visa type</p> <p>32. Secondary majors and minors are not allowed for students with an M-1 visa (StudentBioInfo.VisaType = '02')</p> <p>33. Start date must be before current program end date</p> <p>34. Start date must be within 5 months of today's date</p> <p>35. Student is not eligible for commuter status due to country of citizenship</p> <p>36. Student must be active for this action</p> <p>37. Student must be active status for this action</p>

Code	Error Message
	<p>38. Student must be an F-1 student for this action</p> <p>39. Student must be in the initial status for this action</p> <p>40. StudentBioInfo.CitizenshipCountryCode may not be 'US'</p> <p>41. Students terminated for a reason of 'otherwise failing to maintain status' (code: 16) requires a text explanation in element TerminateStudent.TSRemarks</p> <p>42. Termination code 01 not allowed</p> <p>43. The terminate reason is invalid for F-1 students</p> <p>44. This education code (EducationalInfo.EduLevel = '11') requires a comment (EducationalInfo.EduComment)</p> <p>45. This education code (EducationalInfo.EduLevel) is not allowed for students with an F-1 visa (StudentBioInfo.VisaType = '01')</p> <p>46. This education code (EducationalInfo.EduLevel) is not allowed for students with an M-1 visa (StudentBioInfo.VisaType = '02')</p> <p>47. U.S. Address is required for Non-Commuter Students</p> <p>48. U.S. Address required for continuing students.</p> <p>49. USAddr.USAddr1 may not be Post Office Box</p> <p>50. USAddr.USAddr2 may not be Post Office Box</p>

J Eligibility Processing Errors

Code	Error Message
S2000	System Error: [error_field1].
S2001	Invalid SEVIS ID: [error_field1].
S2002	Data mismatch: [error_field1].
S2003	Invalid data: [error_field1].
S2004	[error_field1] is after [error_field2]
S2005	Invalid Document Number: [error_field1].
S2006	Multiple-matched Document Number: [error_field1].
S2007	Invalid NEW SEVIS ID: [error_field1].
S2008	Neither SEVIS ID nor NEW SEVIS ID exists.
S2009	Data is missing: [error_field1]
S2010	Program start date must be in the future
S2011	[error_field1] is an invalid past date.
S2012	[error_field1] is an invalid future date.
S2013	[error_field1] age is over [error_field2].
S2014	[error_field1] age is under [error_field2].
S2015	[error_field2] is more than the required.
S2016	[error_field1] is less than the required.
S2017	[error_field1] is missing when [error_field2] is present.
S2018	No data in the field(s) of [error_field1].
S2019	Incomplete Data in the field(s) of [error_field1].
S2020	Only one field has a value in the field(s) of [error_field1].
S2021	Age of Au Pair invalid
S2022	Age of Camp Counselor invalid
S2023	Age of Secondary School Student invalid
S2024	Invalid Data
S2031	[error_field1]=[error_field2] is defined in database([error_field3])
S2032	[error_field1]=[error_field2] is NOT defined in database([error_field3])
S2033	[error_field1 is defined in database([error_field3])

Code	Error Message
S2034	[error_field1 is NOT defined in database([error_field3])
S2097	Error on calling DAO:[error_field1], Method:[error_field2]
S2098	Config Error around [error_field1]
S2099	[error_field1]
S2101	Country or subject is in INS watch list.
S2111	EV's age is under 18 years on [error_field2]
S2112	EV's age is over 26 years on [error_field2]
S2113	EV's age is under 15 years on [error_field2]
S2114	EV's age is over 18.5 years on [error_field2]
S2115	Invalid MIN: EV's duration is shorter than [error_field3]
S2116	Invalid MAX: EV's duration is longer than [error_field3]
S2117	More than one spouse(s) were found. There can only be one spouse.
S2118	EV's program duration is not correct(too short or too long).
S2119	More than one spouse(s) were found. [error_field2] can not be a spouse.
S2121	[error_field1] is over 21 years of age and can not be a child dependent.
S2122	Change of Category is invalid.
S2123	Change of Status is pending, therefore this event type cannot be done.
S2124	[error_field1]: status type cannot perform this event type.
S2125	This minor or technical infraction can not be done in an [error_field2] status: [error_field1].
S2126	Minor or Technical Infraction can only have a status of 'ACTIVE' or 'INACTIVE'. Current status is [error_field1].
S2127	This minor or technical infraction must have remarks.
S2128	Failure to extend DS-2019 in not within [error_field1] days of program end date.
S2129	The Site of Activity requested for deletion does not match an existing Site of Activity.
S2130	Remarks are required when 'OTHER' is selected as a termination code.
S2132	This category type requires a site of activity: [error_field1].
S2133	Birthdate cannot be in the future.
S2134	EV's Country of Citizenship is in US territories.
S2135	EV's Country of Legal Permanent Residence is in US territories.

Code	Error Message
S2136	Dependent's Country of Citizenship is in US territories.
S2137	Dependent's Country of Legal Permanent Residence is in US territories.
S2141	This EV exists in the SEVIS database.
S2151	[error_field1] cannot be less than 1.00
S2152	The Total of [error_field1] cannot be less than 1.00
S2153	[error_field1] cannot be less than 1.00 ([error_field2] does not exist in database)
S2154	Invalid user name.
S2155	This user is not valid for this program.
S2156	This user is not a RO or ARO.
S2161	Init Program Begin Date is required for Continuing EV.
S2162	Init Program Begin Date should not be present for New EV.
S2163	Invalid, the [error_field2] is before the current date: [error_field1]
S2211	EV's age is under 18 years on [error_field1]
S2212	EV's age is over 26 years on [error_field1]
S2213	EV's age is under 15 years on [error_field1]
S2214	EV's age is over 18.5 years on [error_field1]
S2217	There are more than [error_field2] spouse(s).
S2221	Dependent age is over 21 years on [error_field1]
S3021	[error_field1] is over 21 years of age and can not be a child dependent.

APPENDIX C – CREATE-UPDATE STUDENT AND DEPENDENT DATA ELEMENTS

APPENDIX C – CREATE-UPDATE STUDENT AND DEPENDENT DATA ELEMENTS

The data elements described in the table shown below relate to the schema entitled “Create-UpdateStudent.xsd”. When an element is marked with “R*” in the Required/Optional column, this indicates that the element is required under certain circumstances. For example, the structure to which the element belongs is Optional, however, if that structure is present in the upload file, the elements of that structure marked with “R*” are required.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]	Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
SEVISBatchCreate-UpdateStudent	R	Structure		SEVIS Batch create or update student	Structure used to provide information for creating/updating student records.
(userID)	R	String	10	SEVIS User ID	SEVIS user ID of the PDSO for the school/campus that is submitting the Batch file.
Batch-Header	R	Structure		Header	Structure used to provide the header elements identifying the batch upload.
BatchID	R	String	14	Batch file identifier	Unique identifier assigned by the school for the batch upload file. Must be unique to the school for each data file uploaded. Use of date-time stamp is recommended.
SchoolCode	R	String	15	School code	School code assigned by the INS when school was approved in SEVIS, e.g., WAS214F12345123. SEVIS school code may be different than school’s previous school code.
Create-Student	O	Structure		Create student request	Structure used when creating new student records. Structure is optional; however, if structure is used, elements identified as “R*” must be provided.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
		Student				R*	Structure		Student information	Structure used to provide the required and optional information for the new student. A maximum of 250 create student and 250 update student requests may be included in each upload file.
			(requestID)			R*	String	20	Request identifier	Individual record identifier assigned by the school must be provided for each record included in the upload file. Identifier must be unique within the upload file.
			(userID)			R*	String	10	SEVIS user ID	SEVIS user ID for the PDSO/DSO responsible for the student record. Name associated with this user ID will be shown in signature block on I-20 PDF file, if print request indicator is TRUE.
			(printForm)			R*	Boolean	1	Print request indicator (Format: 1 or true; 0 or false)	Indicator used to request that I-20 in PDF file is returned with Batch download.
		StudentBioInfo				R*	Structure		Student biographical information	Structure used to provide biographical information for the student.
				FullName		R*	Structure		Full name	Structure used to provide the full name elements for the student.
					LastName	R*	String	40	Last name	Last name of student. If student has only one name, the name is provided in this element.
					FirstName	O	String	40	First name	First name of student.
					MiddleName	O	String	40	Middle name	Middle name of student.
					Suffix	O	String	3	Suffix code (Format: Jr., Sr., I, II, III, IV)	Name suffix for student, e.g., Jr., III (See table entitled Name Suffix Codes)
				BirthDate		R*	Date	10	Birth date (Format: yyyy-MM-dd)	Birth date of student.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
				Gender		R*	String	1	Gender (Format: M = Male, F = Female, or U = Unknown)	Student's gender. A value is available to indicate the student's gender is unknown. (See table entitled Gender Codes)
				BirthCountryCode		R*	String	2	Country of birth	Student's country of birth. Two-digit code associated with the student's country of birth must be provided. Codes are provided for countries that have changed names or no longer exist. (See table entitled Country Codes)
				CitizenshipCountryCode		O	String	2	Country of citizenship	Student's country of citizenship. If provided, two-digit code associated with the student's country of citizenship must be used. (See table entitled Country Codes)
				Commuter		O	Boolean	1	Commuter student (Format: 1 or true; 0 or false)	Indicator of whether student is a commuter student. Commuter student indicator is valid only for students whose country of citizenship is Canada or Mexico. Commuter students are not required to provide U.S. address data.
				VisaType		R*	String	2	Visa classification type	Visa classification assigned to student. Code associated with the visa type must be provided. (See table entitled Visa Type Codes)
				IssueReason		R*	Structure		Issue reason	Structure used to provide reason the student record is being created in SEVIS. This structure is a mutually exclusive choice. Use the structure/element associated with the reason the student's record is being created. (See table entitled Student Creation Reason Codes)
				Initial		O (Choice)	String	1	Initial student (Value: I)	Field indicating that student is an Initial student at your school.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
				Continue		O (Choice)	Structure		Continuing student	Structure used to provide information on a continuing student only. If structure is used, the elements identified as "R*" must be provided. In addition, the U.S. address must be provided in the appropriate structure, unless the continuing student is a Commuter student.
					CurrentSessionEndDate	R*	Date	10	Current session end date (Format: yyyy-MM-dd)	Date the student's current session will be completed. Current session end date must be AFTER current date.
					NextSessionStartDate	R*	Date	10	Next session start date (Format: yyyy-MM-dd)	Start date for student's next session. Next session start date must be AFTER current session end date and BEFORE program end date.
				School Transfer		O (Choice)	Structure		Transfer student	Structure used to provide information on a student transferring from a non-SEVIS school. If structure is used, the elements identified with "R*" must be provided. At this time, transfers from a SEVIS school to another SEVIS school cannot be performed through SEVIS Batch.
					TransferFrom	R*	String	500	Name of non-SEVIS school from which student is transferring	Name of non-SEVIS school. Text entry field, no validation is performed.
					ReinstatementRequest	O (Choice)	String	1	Reinstatement code (Value: R)	Element used to indicate student is being reinstated and has not been previously entered in SEVIS. Specific code must be provided.
				Other		O (Choice)	Structure		Issue reason of Other	Structure used to provide information on a student being entered in SEVIS for a reason of Other. If structure is used, the elements identified as "R*" must be provided.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
					OtherReason	R*	String	500	Explanation for issue reason of Other	Explanation for selecting Other as the issuing reason for the new student. Text field, no validation is performed.
			OtherInfo			O	Structure		Other student information	Structure used to provide additional information about the new student. This structure is optional and all elements within the structure are optional.
					AdmissionNumber	O	String	11	Admission number	I-94 Admission number assigned to student at port of entry into U.S.
					DriverLicense	O	Structure		Driver's license	Structure used to provide student's U.S. driver's license information. Structure is optional.
					LicNumber	O	String	30	Driver's license number	Student's U.S. driver's license number.
					LicState	O	String	2	State that issued driver's license	U.S. state that issued the student's driver's license. Two-digit code associated with the U.S. state must be used. (See table entitled State Codes)
					SSN	O	String	9	Social Security Number (Format: Numeric only, no dashes, e.g., 123456789)	Student's Social Security Number.
					TaxID	O	String	9	Tax payer ID (Format: Numeric only, no dashes, e.g., 123456789)	Student's tax payer identification number.
			ForeignAddr			R	Structure		Foreign address information	Structure used to provide student's foreign address information. Must be provided for all new student records regardless of issuing reason.
					FrnAddr1	R	String	60	Foreign address line 1	First line of student's foreign street address.
					FrnAddr2	O	String	60	Foreign address line 2	Second line of student's foreign street address.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
				FrnCity		O	String	60	Foreign city	City associated with student's foreign address.
				FrnProvince		O	String	30	Foreign province	Province of student's foreign address.
				CountryCode		R	String	2	Country code	Country of student's foreign address. Two-digit code associated with student's country of residence must be used. (See table entitled Country Codes)
				FrnPostalCode		O	String	20	Postal code (Format: Alpha/Numeric)	Postal code/number for student's foreign address.
			USAddr			O	Structure		U.S. address	Address where student will reside while in the U.S. U.S. address is required at the time a new record for a Continuing Student is created, but is not required for issue reasons of Initial Attendance, Transfer from Non-SEVIS School, Reinstatement, or Other. When U.S. address structure is used, the elements within this structure marked "R*" must be provided.
				USAddr1		R*	String	60	Address line 1	First line of street address for student's U.S. address. .
				USAddr2		O	String	60	Address line 2	Second line of street address for student's U.S. address.
				USCity		R*	String	60	City	City for student's U.S. address
				USState		R*	String	2	State	State for student's U.S. address. Two-digit code associated with the U.S. state must be used. (See table entitled State Codes)
				USPostalCode		R*	String	5	Zip code	Zip code for student's U.S. address.
				USPostalRoutingCode		O	String	4	Postal routing code	Four-digit postal routing code for student's U.S. address.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
			EducationalInfo			R*	Structure		Education information	Structure used to provide information related to student's selected education level and major/minor.
				EduLevel		R*	String	2	Education level	Indicator for educational level student is pursuing. Education level is not the same for F classification students and M classification students. See Exhibit 11, Student Education Levels, at end of this table for information on allowed values. (See table entitled Education Level Codes)
				EduComment		O	String	500	Remarks	Text field for providing remarks related to the student's education level.
				PrimaryMajor		R*	String	7	Primary major code (Format: 12.1234) (NOTE: The code sent to SEVIS should include the decimal point.)	Code from CIP 2000 list of codes that represents student's primary major. For dual majors, you must select one major to be primary and one to be secondary. (See table entitled Major/Minor Codes for Students and Subject/Field Codes for Exchange Visitors)
				SecondMajor		O	String	7	Secondary major code (Format: 12.1234) (NOTE: The code sent to SEVIS should include the decimal point.)	Code from CIP 2000 list of codes that represents student's secondary major. Used for those students who have dual majors. (See table entitled Major/Minor Codes for Students and Subject/Field Codes for Exchange Visitors)
				Minor		O	String	7	Minor code (Format: 12.1234) (NOTE: The code sent to SEVIS should include the decimal point.)	Code from CIP 2000 list of codes that represents student's minor. (See table entitled Major/Minor Codes for Students and Subject/Field Codes for Exchange Visitors)
				LengthOfStudy		R*	String	2	Length of study	Number of months normally required for completing the program that the student will be undertaking.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
				PrgStartDate		R*	Date	10	Program start date (Format: yyyy-MM-dd)	Date the student's program will begin. Student cannot enter the U.S. more than 30 days prior to program start date. Program start date must be AFTER current date for students where the issuing reason is initial.
				PrgEndDate		R*	Date	10	Program end date (Format: yyyy-MM-dd)	Date the student's program will be completed. Full program period includes Optional Practical Training the student will undertake after completing coursework.
				EngProficiency		R*	Structure		English language proficiency	Structure used to indicate whether your school requires English proficiency and whether the student is proficient in the language.
				EngRequired		R*	Boolean	1	English proficiency required? (Format: 1 or true; 0 or false)	Indicator that school does or does not require English proficiency.
				RequirementsMet		R*	Boolean	1	English proficiency requirements met? (Format: 1 or true; 0 or false)	Indication whether student meets the English proficiency required for the program at your school. This element must be provided if the value provided in EngRequired element is 1 or true.
				NotRequiredReason		R*	String	500	Not required reason	Text field for explanation if English proficiency is not required at your school, e.g., student will attend English language courses as part of his/her program. This element must be provided if the value provided in EngRequired element is 0 or false.
				StudentFinancial		R*	Structure		Student financial information	Structure used to provide financial requirements and funding available to the student.
				AcademicTerm		R*	String	2	Number of months in the academic term (Format: Integer only)	Number of months the student will attend courses during one academic term. The maximum value is 12 months.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
					FinancialExpense	R*	Structure		Expenses	Structure used to provide information on expenses that must be paid by the student. Information should be provided for one academic term.
					Tuition	R*	Integer	10	Tuition expenses (Format: U.S. dollars; integer only, no dollar signs, decimals, or commas)	Total amount of tuition expenses that must be paid by the student. Amount of any scholarship(s) should not be deducted. Scholarship information should be included in SchoolFunds structure. Amount can not be less than 1.
					LivingExpense	R*	Integer	10	Living expenses (Format: U.S. dollars; integer only, no dollar signs, decimals, or commas)	Total amount of living expenses that must be paid by the student. Amount can not be less than 1.
					DependentExp	R*	Integer	10	Dependent expenses (Format: U.S. dollars; integer only, no dollar signs, decimals, or commas)	Total amount of expenses that must be paid by the student to support dependent(s). *Required only if student will be accompanied by dependents and dependents will be included in the Create-Student request. Amount can not be less than 1.
					OtherExp	O	Structure		Other expenses	Structure used to identify other expenses that must be paid by student. Structure is optional; however, if structure is used, elements identified as "R*" must be provided.
					Amount	R*	Integer	10	Other expenses (Format: U.S. dollars; integer only, no dollar signs, decimals, or commas)	Total of other expenses that student must pay. *Required if OtherExp structure is present. Amount can not be less than 1.
					OtherExpDesc	R*	String	500	Explanation for other expenses	Text field for explanation of other expenses that student must pay. *Required if OtherExp structure is present.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
				Funding		R*	Structure		Funding	Structure used to identify funding that is available to the student.
					PersonalFunds	R*	Integer	10	Personal funds (Format: U.S. dollars; integer only, no dollar signs, decimals, or commas)	Total amount of personal funds available to the student for use in paying for expenses. Amount can not be less than 1.
				SchoolFunds		O	Structure		School funding	Structure used to identify funding being provided by the school. This structure is optional; however, if structure is present, elements identified by "R*" must be provided.
					Amount	R*	Integer	10	Amount of funding (Format: U.S. dollars; integer only, no dollar signs, decimals, or commas)	Total amount of funding being provided by the school. *Required if SchoolFunds structure is present. Amount can not be less than 1.
					SchoolFundDesc	R*	String	500	School funding explanation	Text field to explain source of funding being provided by the school *Required if school funding entered in Amount
				OtherSourceFunds		O	Structure		Other source of funding	Structure used to identify the amount and source of other funding being provided to the student. Structure is optional; however, if structure is present, elements identified by "R*" must be provided.
					Amount	R*	Integer	10	Amount of other funding (Format: U.S. dollars; integer only, no dollar signs, decimals, or commas)	Total amount of other funding available to the student. *Required if OtherSourceFunds structure is present. Amount can not be less than 1.
					OtherFundDesc	R*	String	500	Description of other funding	Text field used to describe the source of other funding. *Required if OtherSourceFunds structure is present and other funding amount is provided

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
					EmploymentFunds	O	Integer	10	Employment funds (Format: U.S. dollars; integer only, no dollar signs, decimals, or commas)	Total amount of funds available to the student through on-campus employment. This element is valid for F-1 classification students only. Amount can not be less than 1.
					FundingRemarks	O	String	500	Additional remarks on funding	Text field available to enter general remarks associated with the funding information.
				CreateDependent		O	Structure		Dependent information	Structure used to create a record for dependents that will accompany student to the U.S. A maximum of 25 dependents per student may be entered in SEVIS.
				Dependent		O	Structure		Dependent	Structure used to provide information relative to a single dependent. Multiple Dependent structures may be included in a single create student request.
					FullName	R*	Structure		Full name	Structure used to provide full name elements for dependent.
					LastName	R*	String	40	Last name	Last name of dependent. If dependent has only one name, the name is provided in this element.
					FirstName	O	String	40	First name	First name of dependent.
					MiddleName	O	String	40	Middle name	Middle name of dependent.
					Suffix	O	String	3	Suffix code (Format: Jr., Sr., I, II, III, IV)	Name suffix for dependent, e.g., Jr. (See table entitled Name Suffix Codes)
					BirthDate	R*	Date	10	Birth date (Format: yyyy-MM-dd)	Dependent's birth date
					Gender	R*	String	1	Gender (Format: M = Male, F = Female, or U = Unknown)	Dependent's gender. A value is available to indicate the dependent's gender is unknown. (See table entitled Gender Codes)

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
					BirthCountryCode	R*	String	2	Country of birth	Dependent's country of birth. Two-digit code associated with the dependent's country of birth must be provided. Codes are provided for countries that have changed names or no longer exist. (See table entitled Country Codes)
					CitizenshipCountryCode	O	String	2	Country of citizenship	Dependent's country of citizenship. Two-digit code associated with the dependent's country of citizenship must be provided. (See table entitled Country Codes)
					VisaType	R*	String	2	Visa type	Visa classification assigned to dependent. Code associated with the visa type must be provided. (See table entitled Visa Type Codes)
					Relationship	R*	String	2	Relationship (Format: 01 = Spouse; 02 = Child)	Dependent's relationship to student. Regulations permit only one spouse to accompany student during study in the U.S. Two-digit code for either Spouse or Child must be used. (See table entitled Dependent Type Codes)
					UserDefinedA	O	String	10	User defined field A	A text field for recording any code used by the school to identify the dependent, e.g., ID number or file number.
					UserDefinedB	O	String	14	User defined field B	A second field for recording any code used by the school to identify the dependent.
					Remarks	O	String	500	Remarks	Text field for recording general remarks about the dependent.
				UserDefinedA		O	String	10	User defined field A	A text field for recording any code used by the school to identify the student, e.g., ID number or file number.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
			UserDefinedB			O	String	14	User defined field B	A second field for recording any code used by the school to identify the student.
			Remarks			O	String	500	Remarks	Text field for recording general remarks about the student.
	Update-Student					O	Structure		Update student	Structure used when updating existing student records. Structure is optional; however, if structure is used, elements identified with “R*” must be provided.
	Student					O	Structure		Student information	Structure used to provide the required and optional information for updating existing student records. This structure is a mutually exclusive choice. Use the structure/element associated with the reason the student’s record is being updated. A maximum of 250 create student and 250 update student requests may be included in each upload file.
			(sevisID)			R*	String	11	SEVIS ID (Format: Alpha/Numeric, N123456789)	SEVIS ID of student record being updated.
			(requestID)			R*	String	20	Record identifier	Individual record identifier must be provided for each record included in the upload file. Identifier must be unique within the upload file.
			(userID)			R*	String	10	SEVIS user ID for PDSO/DSO responsible for the request record	Name associated with this user ID will be shown in signature block on I-20 PDF file, if print request indicator is TRUE.
			UserDefinedA			O	String	10	User defined field A	A text field for recording any code used by the school to identify the student, e.g., ID number or file number. NOTE: See Note for Dependent Update Requests at the end of this table for important information when updating dependent records.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
			UserDefinedB			O	String	14	User defined field B	A second field for recording any code used by the school to identify the student. NOTE: See Note for Dependent Update Requests at the end of this table for important information when updating dependent records.
			AuthDropBelowFC			O (Choice)	Structure		Authorize drop below full course	Structure used to provide information if student is being authorized to drop below a full course load. If structure is used, the elements identified as "R*" must be provided.
			(printForm)			R*	Boolean	1	Print request indicator (Format: 1 or true; 0 or false)	Indicator used to request that I-20 in PDF file is returned with Batch download.
			AuthReason			R*	String	2	Authorization reason	Reason student is authorized to drop below full course load. Two-digit code associated with reason code must be provided. (See table entitled Drop Below Full Time Reason Codes)
			AuthStartDate			R*	Date	10	Authorization start date (Format: yyyy-MM-dd)	Start date for drop below full course authorization
			AuthEndDate			R*	Date	10	Authorization end date (Format: yyyy-MM-dd)	End date for drop below full course authorization
			DBFRemarks			O	String	500	Drop below full course remarks	Text field for remarks related to the authorization to drop below full course load.
			CompleteProgram			O (Choice)	Structure		Complete program	Structure for indicating that student has completed his/her program. If structure is used, student's program will be marked as complete.
			CPRemarks			O	String	500	Remarks associated with completion of program	Text field for entering remarks related to student's completion of program.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
			ExtendProgram			O (Choice)	Structure		Extend program	Structure used to extend student's program beyond the original program end date. If structure is used, the elements identified as "R*" must be provided.
			(printForm)			R*	Boolean	1	Print request indicator (Format: 1 or true; 0 or false)	Indicator used to request that I-20 in PDF file is returned with Batch download.
			NewPrgEndDate			R*	Date	10	New program end date (Format: yyyy-MM-dd)	New date that student will complete program.
			EPRemarks			R*	String	500	Remarks regarding extension of program	Text field for entering remarks related to extending the student's program end date.
			DeferAttendance			O (Choice)	Structure		Defer attendance	Structure used to deferring student's attendance at your school. If structure is used, the elements identified as "R*" must be provided.
			(printForm)			R*	Boolean	1	Print request indicator (Format: 1 or true; 0 or false)	Indicator used to request that I-20 in PDF file is returned with Batch download.
			NewPrgStartDate			R*	Date	10	New program start date (Format: yyyy-MM-dd)	New date that student will start his/her program.
			NewPrgEndDate			R*	Date	10	New program end date (Format: yyyy-MM-dd)	New date that student will complete his/her program.
			DARemarks			O	String	500	Defer attendance remarks	Text field for entering remarks related to deferring student's attendance at your school.
			DisciplinaryAction			O (Choice)	Structure		Disciplinary action element	Structure used to record that disciplinary action has been taken against student. If structure is used, the elements identified as "R*" must be provided.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
				CriminalConviction		R*	Boolean	1	Criminal conviction (Format: 1 or true)	Indicates disciplinary action was taken as a result of the student being convicted of a crime. If the DisciplinaryAction structure is present, the value for CriminalConviction must be 1 or true.
				DAExplanation		R*	String	500	Explanation of disciplinary action taken against student	Text field for entering remarks related to disciplinary action.
			TerminateStudent			O (Choice)	Structure		Terminate student	Structure used to record student termination action. If structure is used, the elements identified as "R*" must be provided.
				TerminationReason		R*	String	2	Termination code (Format: Numeric)	Reason student is being terminated. Two-digit code associated with termination reason must be provided. (See table entitled Student Termination Reason Codes)
				TSRemarks		O	String	500	Terminate student remarks	Text field for entering remarks related to student termination.
			StudentRegistration			O (Choice)	Structure		Student registration	Structure used to record that student has registered for session. This choice is valid only for students whose status in SEVIS is "Initial". Student must be registered within 90 days of Session Start Date. If structure is used, the elements identified as "R*" must be provided.
				(printForm)		R*	Boolean	1	Print request indicator (Format: 1 or true; 0 or false)	Indicator used to request that I-20 in PDF file is returned with Batch download.
				CurrentSessionEndDate		R*	Date	10	Current session end date (Format: yyyy-MM-dd)	The end date for the student's current session. Must be AFTER current date.
				NextSessionStartDate		R*	Date	10	Next Session start date (Format: yyyy-MM-dd)	Start date for student's next session; must be AFTER current session end date and BEFORE program end date.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
				Commuter		O	Boolean	1	Commuter student	Indicator if student is a commuter student. Commuter student indicator is valid only for students whose country of citizenship is Canada or Mexico. Commuter students are not required to provide U.S. address data.
				USAddr		R*	Structure		U.S. address	Structure used to provide address where student will reside while attending courses in the U.S. At time of registration, the U.S. address is required for all students, <u>except</u> commuter students. If the student is not a commuter student, the structure is required and those elements identified with "R*" must be provided.
				USAddr1		R*	String	60	Address line 1	First line of street address for student's U.S. address.
				USAddr2		O	String	60	Address line 2	Second line of street address for student's U.S. address.
				USCity		R*	String	60	City	City for student's U.S. address.
				USState		R*	String	2	State	State for student's U.S. address. Two-digit code associated with the U.S. state must be used. (See table entitled State Codes)
				USPostalCode		R*	String	5	Zip code	Zip code for student's U.S. address.
				USPostalRoutingCode		O	String	4	Postal routing code	Four-digit postal routing code for student's U.S. address.
				ForeignAddr		O	Structure		Foreign address	Structure used to provide updates to student's foreign address. Structure is optional; however, if structure is used, elements identified with "R*" must be provided.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
					FrnAddr1	R*	String	60	Foreign address line 1	First line of student's foreign street address.
					FrnAddr2	O	String	60	Foreign address line 2	Second line of student's foreign street address.
					FrnCity	O	String	60	Foreign city	City associated with student's foreign address.
					FrnProvince	O	String	30	Foreign province	Province of student's foreign address.
					CountryCode	R*	String	2	Country code	Country of student's foreign address. Two-digit code associated with student's country of residence must be used. (See table entitled Country Codes)
					FrnPostalCode	O	String	20	Postal code (Format: Alpha/Numeric)	Postal code/number for student's foreign address.
				POEntryInfo		O	Structure		Port of entry	Structure used to provide information relating to the port through which the student entered the U.S. Structure is optional and all elements related to POEntryInfo are optional. Port of entry information is received through a SEVIS Interface to another INS system.
					PassportNumber	O	String	25	Passport number	Student's passport number
					PassportIssuingCntry	O	String	2	Passport issuing country	Issuing country for passport. Two-digit code associated with country must be provided. (See table entitled Country Codes)
					PassportExpDate	O	Date	10	Passport expiration date (Format: yyyy-MM-dd)	Expiration date for student's passport.
					VisaNumber	O	String	25	Visa number	Number of visa granted to student by the American Consulate.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
					VisaIssuingCntry	O	String	3	Visa issuing country	Consulate Office (Post) or country where visa was issued. Three-digit code associated with the Consulate or country must be provided. (See table entitled Visa Issuance Post Codes)
					VisaExpDate	O	Date	10	Visa expiration date (Format: yyyy-MM-dd)	Expiration date for student's visa.
					AdmissionNumber	O	String	11	Admission number	I-94 Admission number issued to student at U.S. port of entry.
					PortOfEntry	O	String	3	Port of entry	Code associated with the port of entry through which the student entered the U.S. (See table entitled Port of Entry Codes)
					DateOfEntry	O	Date	10	Date of entry (Format: yyyy-MM-dd)	Date student entered the U.S.
					POERemarks	O	String	500	Remarks	Text field for providing remarks related to the port of entry information.
			EditPersonal			O (Choice)	Structure		Edit personal Info	Structure used for providing updates to a student's personal information. Structure is optional; however, if structure is used, elements identified with "R*" must be provided.
				(printForm)		R*	Boolean	1	Print request indicator (Format: 1 or true; 0 or false)	Indicator used to request that I-20 in PDF file is returned with Batch download.
				FullName		O	Structure		Full name	Structure used to provide the full name elements for the student.
					LastName	R*	String	40	Last name	Last name of student. If student has only one name, the name is provided in this element.
					FirstName	O	String	40	First name	First name of student.
					MiddleName	O	String	40	Middle name	Middle name of student.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
					Suffix	O	String	3	Suffix code (Format: Jr., Sr., I, II, III, IV)	Name suffix for student. (See table entitled Name Suffix Codes)
					BirthDate	O	Date	10	Birth date (Format: yyyy-MM-dd)	Student's date of birth.
					Gender	O	String	1	Gender (Format: M = Male, F = Female, or U = Unknown)	Student's gender. A value is available to indicate the student's gender is unknown. (See table entitled Gender Codes)
					BirthCountryCode	O	String	2	Country of birth	Student's country of birth. Two-digit code associated with the student's country of birth must be provided. Codes are provided for countries that have changed names or no longer exist. (See table entitled Country Codes)
					CitizenshipCountryCode	O	String	2	Country of citizenship	Student's country of citizenship. Two- digit code associated with the student's country of citizenship must be provided. (See table entitled Country Codes)
					Commuter	O	Boolean	1	Indicator if student is a commuter student	This option is available only to students whose country of citizenship is Canada or Mexico.
					ForeignAddr	O	Structure		Foreign address	Structure used to provide updates to student's foreign address. Structure is optional; however, if structure is used, elements identified with "R*" must be provided.
					FrnAddr1	R*	String	60	Foreign address line 1	First line of student's foreign street address.
					FrnAddr2	O	String	60	Foreign address line 2	Second line of student's foreign street address.
					FrnCity	O	String	60	Foreign city	City associated with student's foreign address.
					FrnProvince	O	String	30	Foreign province	Province of student's foreign address.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
					CountryCode	R*	String	2	Country code	Country of student's foreign address. Two-digit code associated with student's country of residence must be used. (See table entitled Country Codes)
					FrnPostalCode	O	String	20	Postal code (Format: Alpha/Numeric)	Postal code/number for student's foreign address.
				USAddr		O	Structure		U.S. address	Structure used to provide updates to the address where student is residing while attending courses in the U.S. Structure is optional; however, if structure is used, elements identified with "R*" must be provided.
					USAddr1	R*	String	60	Address line 1	First line of street address for student's U.S. address.
					USAddr2	O	String	60	Address line 2	Second line of street address for student's U.S. address.
					USCity	R*	String	60	City	City for student's U.S. address.
					USState	R*	String	2	State	State for student's U.S. address. Two-digit code associated with the U.S. state must be used. (See table entitled State Codes)
					USPostalCode	R*	String	5	Zip code	Zip code for student's U.S. address.
					USPostalRoutingCode	O	String	4	Postal routing code	Four-digit postal routing code for student's U.S. address.
				OtherInfo		O	Structure		Other information	Structure used to provide updates to other information related to student.
					AdmissionNumber	O	String	11	Admission number	I-94 Admission number assigned to student at port of entry into U.S.
				DriverLicense		O	Structure		Driver's license	Structure used to provide student's U.S. driver's license information. Structure is optional.
					LicNumber	O	String	30	Driver's license number	Student's U.S. driver's license number.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
					LicState	O	String	2	State that issued driver's license	U.S. state that issued the student's driver's license. Two-digit code associated with the U.S. state must be used. (See table entitled State Codes)
					SSN	O	String	9	Social Security Number (Format: Numeric only, no dashes, e.g., 123456789)	Student's Social Security Number.
					TaxID	O	String	9	Tax payer ID (Format: Numeric only, no dashes, e.g., 123456789)	Student's tax payer identification number.
					EditProgramInfo	O (Choice)	Structure		Edit program information	Structure used for providing updates to a student's program information. Structure is optional; however, if structure is used, elements identified with "R*" must be provided.
				(printForm)		R*	Boolean	1	Print request indicator (Format: 1 or true; 0 or false)	Indicator used to request that I-20 in PDF file is returned with Batch download.
					NewPrimaryMajor	R*	String	7	New primary major code (NOTE: The code sent to SEVIS should include the decimal point.)	Code from CIP 2000 list of codes that represents student's new primary major. For dual majors, you must select one major to be primary and one to be secondary. (See table entitled Major/Minor Codes for Students and Subject/Field Codes for Exchange Visitors)
					NewSecondMajor	O	String	7	New secondary major code (NOTE: The code sent to SEVIS should include the decimal point.)	Code from CIP 2000 list of codes that represents student's new secondary major. Used for those students who have dual majors. (See table entitled Major/Minor Codes for Students and Subject/Field Codes for Exchange Visitors)

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
				NewMinor		O	String	7	New minor code (NOTE: The code sent to SEVIS should include the decimal point.)	Code from CIP 2000 list of codes that represents the student's new minor. (See table entitled Major/Minor Codes for Students and Subject/Field Codes for Exchange Visitors)
				NewLengthOfStudy		O	String	2	Length of study	Number of months normally required for completing the program the student will be undertaking.
				EngProficiency		O	Structure		English language proficiency	Structure used to indicate whether your school requires English proficiency and whether the student is proficient in the language. Structure is optional; however, if structure is used, elements identified with "R*" must be provided.
				EngRequired		R*	Boolean	1	English proficiency required? (Format: 1 or true; 0 or false)	Indicator that school does or does not require English proficiency.
				RequirementsMet		R*	Boolean	1	English proficiency requirements met? (Format: 1 or true; 0 or false)	Indication whether student meets the English proficiency required for the program at your school. This element must be provided if the value provided in EngRequired element is 1 or true.
				NotRequiredReason		R*	String	500	Not required reason	Text field for explanation if English proficiency is not required at your school, e.g., student will attend English language courses as part of his/her program. This element must be provided if the value provided in EngRequired element is 0 or false.
				Remarks		O	String	500	Remarks	Text field provided to record remarks associated with the updates to the student's program information.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
				EditStudentFinancial		O (Choice)	Structure		Financial information	Structure used to provide updates to financial requirements and funding available to the student. Structure is optional; however, elements identified with "R*" must be provided.
				(printForm)		R*	Boolean	1	Print request indicator (Format: 1 or true; 0 or false)	Indicator used to request that I-20 in PDF file is returned with Batch download.
				EditAcademicTerm		O	String	2	Number of months in the academic term (Format: Numeric only)	Number of months that student will attend courses during the academic term.
				EditFinancialExpense		R*	Structure		Expenses	Structure used to provide updates to expenses that must be paid by the student. Information should be provided for one academic term. Structure is required if the EditStudentFinancial structure is used.
					Tuition	R*	Integer	10	Tuition expenses (Format: U.S. dollars; integer only, no dollar signs, decimals, or commas)	Total amount of tuition expenses that must be paid by the student. Amount of any scholarship(s) should not be deducted. Scholarship information should be included in SchoolFunds structure. Amount can not be less than 1.
					LivingExpense	R*	Integer	10	Living expenses (Format: U.S. dollars; integer only, no dollar signs, decimals, or commas)	Total amount of living expenses that must be paid by the student. Amount can not be less than 1.
					DependentExp	O	Integer	10	Dependent expenses (Format: U.S. dollars; integer only, no dollar signs, decimals, or commas)	Total amount of expenses that must be paid by the student to support dependent(s). Required only if student will be accompanied by dependents and dependents will be included in the create-student request. Amount can not be less than 1.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
					OtherExp	O	Structure		Other expenses	Structure used to identify other expenses that must be paid by student. Structure is optional; however, if structure is used, elements identified as "R*" must be provided.
					Amount	R*	Integer	10	Other expenses (Format: U.S. dollars; integer only, no dollar signs, decimals, or commas)	Total of other expenses that student must pay. Amount can not be less than 1.
					Remarks	R*	String	500	Explanation for other expenses	Text field for explanation of other expenses student must pay.
					EditFunding	R*	Structure		Funding	Structure used to update information related to funding that is available to the student.
					PersonalFunds	O	Integer	10	Personal funds (Format: U.S. dollars; integer only, no dollar signs, decimals, or commas)	Total amount of personal funds available to the student for use in paying for expenses. Amount can not be less than 1.
					SchoolFunds	O	Structure		School funding	Structure used to update funding being provided by the school. This structure is optional; however, if structure is present, elements identified by "R*" must be provided.
					Amount	R*	Integer	10	Amount of funding (Format: U.S. dollars; integer only, no dollar signs, decimals, or commas)	Total amount of funding being provided by the school. Amount can not be less than 1.
					SchoolFundType	R*	String	500	School funding explanation	Text field to explain source of funding being provided by the school.
					OtherSourceFunds	O	Structure		Other source of funding	Structure used to update the amount and source of other funding being provided to the student. Structure is optional; however, if structure is present, elements identified by "R*" must be provided.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
					Amount	R*	Integer	10	Amount of other funding (Format: U.S. dollars; integer only, no dollar signs, decimals, or commas)	Total amount of other funding available to the student. Amount can not be less than 1.
					OtherSourceType	R*	String	500	Description of other funding	Text field used to describe the source of other funding.
					EmploymentFunds	O	Integer	10	Employment funds (Format: U.S. dollars; integer only, no dollar signs, decimals, or commas)	Total amount of funds available to the student through on-campus employment. This element is valid for F-1 classification students only. Amount can not be less than 1.
				Remarks		O	String	500	Remarks on funding	Text field available to enter general remarks associated with the funding information.
			EditDependent			O (Choice)	Structure		Edit dependent	Structure used to edit information related to a dependent. This structure is a mutually exclusive choice. Use the structure/element associated with the reason the dependent's record is being updated. If structure is used, elements identified with "R*" must be provided.
				(dependentSevisID)		R*	String	11	Dependent SEVIS ID (Format: Alpha/Numeric, N123456789)	SEVIS ID of dependent record being updated.
				UserDefinedA		O	String	10	User defined field A	A text field for recording any code used by the school to identify the dependent, e.g., ID number or file number. NOTE: See Note for Dependent Update Requests at the end of this table for important information when updating dependent records.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
				UserDefinedB		O	String	14	User defined field B	A second field for recording any code used by the school to identify the dependent. NOTE: See Note for Dependent Update Requests at the end of this table for important information when updating dependent records.
				EditDependentPersonal		O (Choice)	Structure		Dependent personal information	Structure used to update information related to a dependent. If structure is used, elements identified with “R*” must be provided.
					(printform)	R*	Boolean	1	Print request indicator (Format: 1 or true; 0 or false)	Indicator used to request that I-20 in PDF file is returned with Batch download.
				FullName		O	Structure		Full name	Structure used to update full name elements for dependent.
					LastName	R*	String	40	Last name	Last name of dependent. If dependent has only one name, the name is provided in this element.
					FirstName	O	String	40	First name	First name of dependent.
					MiddleName	O	String	40	Middle name	Middle name of dependent.
					Suffix	O	String	3	Suffix code (Format: Jr., Sr., I, II, III, IV)	Name suffix for dependent. (See table entitled Name Suffix Codes)
					BirthDate	O	Date	10	Birth date (Format: yyyy-MM-dd)	Dependent’s birth date
					Gender	O	String	1	Gender (Format: M = Male, F = Female, or U = Unknown)	Dependent’s gender. A value is available if the dependent’s gender is unknown. (See table entitled Gender Codes)

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
					BirthCountryCode	O	String	2	Country of birth	Dependent's country of birth. Two-digit code associated with the dependent's country of birth must be provided. Codes are provided for countries that have changed names or no longer exist. (See table entitled Country Codes)
					CitizenshipCountryCode	O	String	2	Country of citizenship	Dependent's country of citizenship. Two-digit code associated with the dependent's country of citizenship must be provided. (See table entitled Country Codes)
					VisaType	O	String	2	Visa type	Visa classification assigned to dependent. Code associated with the visa type must be provided. (See table entitled Visa Type Codes)
					Relationship	O	String	2	Relationship (Format: 01 = Spouse; 02 = Child)	Dependent's relationship to the student. Regulations permit only one spouse to accompany student during study in the U.S. Two-digit code for either Spouse or Child must be used. (See table entitled Dependent Type Codes)
					Remarks	O	String	500	Remarks	Text field for recording general remarks about the dependent update request.
					ReactivateDependent	O (Choice)	String	4	Reactivate dependent (Format: 1 or true)	Indicator used to request reactivation of a dependent. The maximum length of the string is 4, however, accepted values are either 1 or true. Previously this was a structure. The print request attribute (printForm) marked with "R*" must be provided.
					(printForm)	R*	Boolean	1	Print request indicator (Format: 1 or true; 0 or false)	Indicator used to request that I-20 in PDF file is returned with Batch download.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
				TerminateDependent		O (Choice)	Structure		Terminate dependent	Structure used to terminate a dependent, e.g., dependent is leaving the U.S. Structure is optional; however, if structure is used, elements identified with “R*” must be provided.
					TerminationReason	R*	String	2	Termination reason code	The reason the dependent is being terminated. Two-digit code associated with termination reason must be provided. (See table entitled Dependent Termination Codes)
					Remarks	O	String	500	Remarks	Text field for recording general remarks about the dependent termination request.
				AddDependent		O (Choice)	Structure		Add dependent	Structure used to create a record for a dependent that will accompany student to the U.S. Structure is optional; however, if structure is used, elements identified with “R*” must be provided. A maximum of 25 dependents per student may be entered in SEVIS.
				Dependent		O	Structure		Dependent Information	Structure used to provide information relative to a single dependent. Multiple AddDependent structures may be included in a single UpdateStudent request. Structure is optional; however, if structure is used, elements identified with “R*” must be provided.
				(printForm)		R*	Boolean	1	Print request indicator (Format: 1 or true; 0 or false)	Indicator used to request that I-20 in PDF file is returned with Batch download.
				FullName		R*	Structure		Full name	Structure used to provide full name elements for dependent.
					LastName	R*	String	40	Last name	Last name of dependent. If dependent has only one name, the name is provided in this element.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
					FirstName	O	String	40	First name	First name of dependent.
					MiddleName	O	String	40	Middle name	Middle name of dependent.
					Suffix	O	String	3	Suffix code (Format: Jr., Sr., I, II, III, IV)	Name suffix for dependent. (See table entitled Name Suffix Codes)
				BirthDate		R*	Date	10	Birth date (Format: yyyy-MM-dd)	Dependent's birth date
				Gender		R*	String	1	Gender (Format: M = Male, F = Female, or U = Unknown)	Dependent's gender. A value is available if the dependent's gender is unknown. (See table entitled Gender Codes)
				BirthCountryCode		R*	String	2	Country of birth	Dependent's country of birth. Two-digit code associated with the dependent's country of birth must be provided. Codes are provided for countries that have changed names or no longer exist. (See table entitled Country Codes)
				CtznshpCountryCode		O	String	2	Country of citizenship	Dependent's country of citizenship. Two-digit code associated with the dependent's country of citizenship must be provided. (See table entitled Country Codes)
				VisaType		R*	String	2	Visa type	Visa classification assigned to dependent. Code associated with the visa type must be provided. (See table entitled Visa Type Codes)
				Relationship		R*	String	2	Relationship (Format: 01 = Spouse; 02 = Child)	Dependent's relationship to the student. Regulations permit only one spouse to accompany student during study in the U.S. Two-digit code for either Spouse or Child must be used. (See table entitled Dependent Type Codes)

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
					ADRemarks	O	String	500	Remarks	This field may be used by institutions to record general remarks about the dependent.
					UserDefinedA	O	String	10	User defined field A	A text field for recording any code used by the school to identify the dependent, e.g., ID number or file number. NOTE: See Note for Dependent Update Requests at the end of this table for important information when updating dependent records.
					UserDefinedB	O	String	14	User defined field B	A second field for recording any code used by the school to identify the dependent. NOTE: See Note for Dependent Update Requests at the end of this table for important information when updating dependent records.
					OffCampusEmploy	O (Choice)	Structure		Off campus employment	Structure used to add off-campus employment for a student. Structure is optional; however, if structure is used, elements identified with "R*" must be provided.
					(printForm)	R*	Boolean	1	Print request indicator (Format: 1 or true; 0 or false)	Indicator used to request that I-20 in PDF file is returned with Batch download.
					EmploymentType	R*	String	2	Type of off-campus employment (Format: 01 = Economic hardship; 02 = International Organization; 03 = Special Student Relief)	Code indicating the type of off-campus employment. Two-digit code associate with employment type must be provided. (See table entitled Off-Campus Employment Reason Codes)
					Recommendation	R*	String	500	Remarks for recommendation	This field may be used by institutions to record general remarks about the off-campus employment.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
				RecommendEmployment		O (Choice)	Boolean	1	Recommend employment (Format: 1 or true; 0 or false)	Indication that school is recommending student for off-campus employment. Required when adding off-campus employment.
				RescindRecommendation		O (Choice)	Boolean	1	Rescind employment recommendation (Format: 1 or true; 0 or false)	Indication that school is rescinding the recommendation for off-campus employment. Required only if school is rescinding the recommendation for off-campus employment.
				NewCPTEmployment		O (Choice)	Structure		New Curricular Practical Training employment	Structure used to add new CPT employment for a student. Structure is optional; however, if structure is used, elements identified with "R*" must be provided.
				(printForm)		R*	Boolean	1	Print request indicator (Format: 1 or true; 0 or false)	Indicator used to request that I-20 in PDF file is returned with Batch download.
				EmploymentStartDate		R*	Date	10	Employment start date (Format: yyyy-MM-dd)	Date that student will begin CPT employment. Date entered must be AFTER current date.
				EmploymentEndDate		R*	Date	10	Employment end date (Format: yyyy-MM-dd)	Date that student will complete CPT employment. Date entered must be BEFORE student's program end date.
				Employment		R*	String	2	Employment type (Format: 01 = Full Time; 02 = Part Time)	Code indicating full-time or part-time employment. Two-digit code associated with employment type must be used. (See table entitled Employment Time Codes)
				EmployerName		R*	String	500	Employer name	Name of the CPT employer.
				EmployerAddress		R*	Structure		Address of employer	Structure used to provide information on the address elements for the CPT employer.
				USAddr1		R*	String	60	Address line 1	First line of street address for employer's address.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
					USAddr2	O	String	60	Address line 2	Second line of street address for employer's address.
					USCity	R*	String	60	City	City for employer's address.
					USState	R*	String	2	State	State for employer's address. Two-digit code associated with the U.S. state must be used. (See table entitled State Codes)
					USPostalCode	R*	String	5	Zip code	Zip code for employer's address.
					USPostalRoutingCode	O	String	4	Postal routing code	Four-digit postal routing code for employer's address.
					CourseRelevance	R*	String	500	Course Relevance	Text field for recording explanation for relevance of CPT employment to student's course work.
					Remarks	O	String	500	CPT remarks	Text field for providing remarks related to the CPT employment information.
					OPTRequest	O (Choice)	Structure		OPT request	Structure used to add an OPT employment request for a student. Structure is optional; however, if structure is used, elements identified with "R*" must be provided.
					(printForm)	R*	Boolean	1	Print request indicator (Format: 1 or true; 0 or false)	Indicator used to request that I-20 in PDF file is returned with Batch download.
					EmploymentStartDate	R*	Date	10	Employment start date (Format: yyyy-MM-dd)	Date that student will begin OPT employment. Date entered must be AFTER current date.
					EmploymentEndDate	R*	Date	10	Employment end date (Format: yyyy-MM-dd)	Date that student will complete OPT employment. Date entered must be AFTER student's program end date.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
				Employment		R*	String	2	Employment type	Code indicating full-time or part-time employment. Two-digit code associated with employment type must be used. (See table entitled Employment Time Codes)
				EmployerName		O	String	500	Employer name	Name of the CPT employer.
				EmployerAddress		O	Structure		Address of employer	Structure used to provide information on the address elements for the OPT employer. Structure is optional; however, if structure is used, elements identified with “R*” must be provided.
				USAddr1		R*	String	60	Address line 1	First line of street address for employer’s address.
				USAddr2		O	String	60	Address line 2	Second line of street address for employer’s address.
				USCity		R*	String	60	City	City for employer’s address.
				USState		R*	String	2	State	State for employer’s address. Two-digit code associated with the U.S. state must be used. (See table entitled State Codes)
				USPostalCode		R*	String	5	Zip code	Zip code for employer’s address.
				USPostalRoutingCode		O	String	4	Postal routing code	Four-digit postal routing code for employer’s address.
				CourseRelevance		R*	String	500	Course Relevance	Text field for recording explanation for relevance of OPT employment to student’s course work.
				Remarks		O	String	500	OPT remarks	Text field for providing remarks related to the OPT employment information.

Exhibit 11: Student Education Levels

Education Level	Allowed for F classification	Allowed for M classification
Primary	Y ¹	N
Secondary	Y	N
Associate	Y	N
Bachelor's	Y	N
Master's	Y	N
Doctorate	Y	N
Language Training	Y	N
High School	Y	Y
Flight Training	N	Y
Other Vocational School	N	Y
Other	Y	Y

¹ Primary education level is not valid for Public institutions.

Note for Dependent Update Requests:

A System Change Request (SCR) has been written against the current version of SEVIS. This SCR is related to the way in which SEVIS processes UpdateDependent and AddDependent requests. SEVIS incorrectly handles the UserDefinedA and UserDefinedB elements in the Transaction Log file. To demonstrate the error, Exhibit 12, SEVIS Processing Error for Dependent Update Requests, provides a simulation of an upload file where data was provided for the optional UserDefinedA and UserDefinedB elements in the Student structure and the UserDefinedA and UserDefinedB elements in the EditDependent structure.

Exhibit 12: SEVIS Processing Error for Dependent Update Requests

Upload File	Transaction Log
UpdateStudent Student UserDefinedA = 1 UserDefinedB = 2 EditDependent UserDefinedA = 3 UserDefinedB = 4	TransBody Record UserDefinedA = 1 UserDefinedB = 2 DEPENDENT_RECORD UserDefinedA = NULL UserDefinedB = NULL

To ensure correct processing of the optional UserDefinedA and UserDefinedB elements for the Dependent record, place the dependent data in the UserDefinedA and UserDefinedB elements of the Student structure when submitting an EditDependent request. This will ensure that the correct data is returned in the Transaction Log. This does not present a serious problem as all update transactions must be provided in a separate request record. This error will be corrected in a future release of the SEVIS Batch Interface.

APPENDIX D – CREATE-UPDATE EXCHANGE VISITOR AND DEPENDENT DATA ELEMENTS

[illegible]

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
		CreateEV				O	Structure		Create exchange visitor	Structure used when creating new exchange visitor records. Structure is optional; however, if structure is used, elements identified with "R*" must be provided. A maximum of 250 create EV and 250 update EV requests may be included in each upload file.
		ExchangeVisitor				R*	Structure		Exchange Visitor information	Structure used to provide the required and optional information for the new exchange visitor.
			(requestID)			R*	String	20	Request identifier	Individual record identifier must be provided for each record included in the upload file. Identifier must be unique within the upload file.
			(userID)			R*	String	10	SEVIS User ID	SEVIS User ID of RO/ARO responsible for the request record. Name associated with this user ID will be shown in signature block on DS-2019 PDF file, if print request indicator is 1 or T.
			(printForm)			R*	Boolean	1	Print request indicator (Format: 1 or true; 0 or false)	Indicator used to request that DS-2019 in PDF file is returned with Batch download.
		EVBioInfo				R*	Structure		Biographical information	Structure used to provide biographical information for the exchange visitor.
			FullName			R*	Structure		Full name structure	Structure used to provide the full name elements for the exchange visitor.
					LastName	R*	String	40	Last name	Last name of exchange visitor. If exchange visitor has only one name, the name is provided in this element.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
					FirstName	O	String	40	First name	First name of exchange visitor.
					MiddleName	O	String	40	Middle name	Middle name of exchange visitor.
					Suffix	O	String	3	Suffix code (Format: Jr., Sr., I, II, III, IV)	Name suffix for exchange visitor. (See table entitled Name Suffix Codes)
				BirthDate		R*	Date	10	Birth date (Format: yyyy-MM-dd)	Exchange visitor's date of birth. See Exhibit 14, Exchange Visitor and Dependent Age Requirements.
				Gender		R*	String	1	Gender (Format: M = Male, F = Female, or U = Unknown)	Exchange visitor's gender. A value is available to indicate the exchange visitor's gender is unknown. (See table entitled Gender Codes)
				BirthCity		R*	String	200	City of birth	City where exchange visitor was born.
				BirthCountryCode		R*	String	2	Country of birth	Exchange visitor's country of birth. Two-digit code associated with the exchange visitor's country of birth must be provided. Cannot be U.S. or U.S. Territory. Codes are provided for countries that have changed names or no longer exist. (See table entitled Country Codes)
				CitizenshipCountryCode		R*	String	2	Country of citizenship	Exchange visitor's country of citizenship. Two-digit code associated with the exchange visitor's country of citizenship must be provided. Cannot be U.S. or U.S. Territory. (See table entitled Country Codes)

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
				PermanentResidenceCountryCode		R*	String	2	Permanent residence country	Exchange visitor's country of legal permanent residence. Two-digit code associated with the exchange visitor's country of permanent residence must be provided. Cannot be U.S. or U.S. Territory. (See table entitled Country Codes)
			PositionCode			R*	String	3	Position code (Format: Numeric)	The position that the exchange visitor holds in his/her home country. Three-digit numeric code representing the position held must be used. (See table entitled Exchange Visitor Position Code Type)
			VisaType			R*	String	2	Visa classification type	Visa classification assigned to exchange visitor. Code associated with the visa type must be provided. (See table entitled Visa Type Codes)
			USAddr			R*	Structure		U.S. address	Address where exchange visitor will reside while in the U.S. U.S. address is not required at the time a new record is created, however, if U.S. address structure is used, the elements within this structure marked "R*" must be provided.
				USAddr1		R*	String	60	Address line 1	First line of street address for exchange visitor's U.S. address.
				USAddr2		O	String	60	Address line 2	Second line of street address for exchange visitor's U.S. address.
				USCity		R*	String	60	City	City for exchange visitor's U.S. address

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
				USState		R*	String	2	State	State for exchange visitor's U.S. address. Two-digit code associated with the U.S. state must be used. (See table entitled State Codes)
				USPostalCode		R*	String	5	Zip code	Zip code for exchange visitor's U.S. address.
				USPostalRoutingCode		O	String	4	Postal routing code	Four-digit postal routing code for exchange visitor's U.S. address.
			CreateReason			R*	Structure		Create Reason	This structure is a mutually exclusive choice. Use the structure/element associated with the reason the exchange visitor's record is being created, i.e., new exchange visitor, exchange visitor who is continuing at your institution but does not yet have a record in SEVIS, exchange visitor transferring and does not yet have a record in SEVIS.
				ReasonCode		R*	String	4	Exchange visitor starting a new program (Format: "New" = Begin New Program, "CONT" = Continuing Exchange Visitor)	Reason code that identifies the reason the exchange visitor's record is being created in SEVIS. Code associated with creation reason must be used. For continuing exchange visitors, the Initial Begin Date and IAP-66 or DS-2019 form number must be provided. (See table entitled Exchange Visitor Creation Reason Codes)
				InitialProgramBeginDate		R*	Date	10	Original program start date (Format: yyyy-MM-dd)	Date the exchange visitor's original program began. Date must be prior to current date for continuing exchange visitor. Required if ReasonCode = "CONT".

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
				FormNumber		R*	String	30	Form number (Format: X-1-12345-1234567)	IAP-66 or DS-2019 form previously assigned to exchange visitor. Required if ReasonCode = "CONT".
				ProgramStartDate		R*	Date	10	Program start date (Format: yyyy-MM-dd)	Date the exchange visitor's program will begin. Exchange visitor cannot enter the U.S. more than 30 days prior to program start date. Program start date must be AFTER current date.
				ProgramEndDate		R*	Date	10	Program End Date (Format: yyyy-MM-dd)	Date the exchange visitor's program will be completed. The program duration cannot exceed the maximum duration of stay and cannot be less than the minimum duration of stay. See Exhibit 13, Department of State Maximum and Minimum Duration of Stay Rules.
				FinancialSupport		R*	Structure		Financial support information	Structure used to provide information on financial support available to the exchange visitor. Funding information should be provided for the entire length of the program. Structure is required and elements identified with "R*" must be provided.
				ReceivedUSGovFunds		R*	Boolean	1	Indication of receipt of U.S. Government funds (Format: 1 or true; 0 or false)	Indication that exchange visitor has received funding from the U.S. Government.
				ProgramSponsorFunds		O	String	6	Program Sponsor funds (Format: Integer only, no dollar signs, decimals, or commas)	Amount of financial support being provided by the Program Sponsor.
				OtherFunds		R*	Structure		Other financial support	Structure used to identify funding received from other organizations.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
					USGovtOrg	O	Structure		U.S. Government organization	Structure used to identify funding received from U.S. Government organizations. Funding may be received from a maximum of two (2) U.S. Government organizations. Structure is optional and all elements within structure are optional.
					GovtOrg1	O	String	3	U.S. Government organization 1	U.S. Government organization that is providing funding to the exchange visitor. Three-digit code associated with the organization type must be provided. (See table entitled U.S. Government Agency Codes)
					GovtOrg1Amount	O	String	6	U.S. Government organization amount (Format: Integer only, no dollar signs, decimals, or commas)	Amount of funding being provided by the U.S. Government organization identified in the element USGovOrg1. If an organization is provided in the element USGovOrg1, an amount must be provided.
					GovtOrg2	O	String	3	U.S. Government organization 2	U.S. Government organization that is providing funding to the exchange visitor. Three-digit code associated with the organization type must be provided. (See table entitled U.S. Government Agency Codes)
					GovtOrg2Amount	O	String	6	U.S. Government organization funding amount (Format: Integer only, no dollar signs, decimals, or commas)	Amount of funding being provided by the U.S. Government organization identified in the element USGovOrg2. If an organization is provided in the element USGovOrg2, an amount must be provided.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
					InternatOrg	O	Structure		International organization funding	Structure used to identify funding received from international organizations. Funding may be received from a maximum of two (2) international organizations. Structure is optional and all elements within structure are optional.
					InternatOrg1	O	String	6	International organization 1	International organization that is providing funding to the exchange visitor. Code associated with the granting organization type must be provided. (See table entitled International Organization Codes)
					InternatOrg1Amount	O	String	6	International organization funding amount (Format: Integer only, no dollar signs, decimals, or commas)	Amount of funding being provided by the international organization identified in the element InternatOrg1. If an organization is provided in the element InternatOrg1, an amount must be provided.
					InternatOrg2	O	String	6	International organization 2 (Format: Integer only, no dollar signs, decimals, or commas)	International organization that is providing funding to the exchange visitor. Code associated with the granting organization type must be provided. (See table entitled International Organization Codes)
					InternatOrg2Amount	O	String	6	International organization funding amount (Format: Integer only, no dollar signs, decimals, or commas)	Amount of funding being provided by the international organization identified in the element InternatOrg2. If an organization is provided in the element InternatOrg2, an amount must be provided.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
					EVGovt	O	String	6	Financial support from exchange visitor's government (Format: U.S. dollars, integer only, no dollar signs, decimals, or commas)	Amount of funding being provided by the government of the exchange visitor's country. Amount can not be less than 1.
					BinationalCommission	O	String	6	Financial support from the Binational Commission (Format: U.S. dollars, integer only, no dollar signs, decimals, or commas)	Amount of funding being provided by the Binational Commission of the exchange visitor's country. Amount can not be less than 1.
					OtherOrg	O	String	6	Financial support from other organizations (Format: U.S. dollars, integer only, no dollar signs, decimals, or commas)	Total amount of funding being provided by other organizations. Amount can not be less than 1.
					PersonalFunds	O	String	6	Personal funds (Format: U.S. dollars, integer only, no dollar signs, decimals, or commas)	Total amount of personal funds available to the exchange visitor. Amount can not be less than 1.
					FRemarks	O	String	500	Remarks	Text field for providing remarks related to exchange visitor's financial support.
					CreateDependent	O	Structure		Dependent information	Structure used to create a record for dependents that will accompany exchange visitor to the U.S. Structure is optional; however, if structure is used, elements identified with "R*" must be provided. A maximum of 25 dependents per exchange visitor may be entered in SEVIS.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
				Dependent		O	Structure		Dependent	Structure used to provide information relative to a single dependent. Multiple Dependent structures may be included in a single create exchange visitor request. Structure is optional; however, if structure is used, elements identified with "R*" must be provided.
				FullName		R*	Structure		Full name	Structure used to provide full name elements for dependent.
					LastName	R*	String	40	Last name	Last name of dependent. If dependent has only one name, the name is provided in this element.
					FirstName	O	String	40	First name	First name of dependent.
					MiddleName	O	String	40	Middle name	Middle name of dependent.
					Suffix	O	String	3	Suffix code (Format: Jr., Sr., I, II, III, IV)	Name suffix for dependent. (See table entitled Name Suffix Codes)
					BirthDate	R*	Date	10	Birth date (Format: yyyy-MM-dd)	Dependent's birth date. Child dependents cannot be 21 or more years of age.
					Gender	R*	String	1	Gender (Format: M = Male, F = Female, or U = Unknown)	Dependent's gender. A value is available to indicate the dependent's gender is unknown. (See table entitled Gender Codes)
					BirthCountryCode	R*	String	2	Country of birth	Dependent's country of birth. Two-digit code associated with the dependent's country of birth must be provided. Codes are provided for countries that have changed names or no longer exist. (See table entitled Country Codes)

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
					CitizenshipCountryCode	R*	String	2	Country of citizenship	Dependent's country of citizenship. Two-digit code associated with the dependent's country of citizenship must be provided. (See table entitled Country Codes)
					BirthCity	R*	String	200	City of Birth	City where dependent was born.
					PermanentResidenceCountryCode	R*	String	3	Permanent residence country	Dependent's country of legal permanent residence. Two-digit code associated with the dependent's country of permanent residence must be provided. (See table entitled Country Codes)
					Relationship	R*	String	2	Relationship (Format: 01 = Spouse; 02 = Child)	Dependent's relationship to exchange visitor. Regulations permit only one spouse to accompany exchange visitor to the U.S. Two-digit code for either Spouse or Child must be used. (See table entitled Dependent Type Codes)
					UserDefinedA	O	String	10	User defined field A	A text field for recording any code used by the program sponsor to identify the dependent, e.g., ID number or file number.
					UserDefinedB	O	String	14	User defined field A	A text field for recording any code used by the program sponsor to identify the dependent, e.g., ID number or file number.
			CategoryCode			R*	String	2	Program category	Program category for exchange visitor. (See table entitled EV Category Code Type)

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
			SubjectField			R*	Structure		Subject or field of study	Structure used to provide information on the subject or field of study for the exchange visitor.
				SubjectFieldCode		R*	String	7	Code for subject or field of study (Format: 12.1234) (NOTE: The code sent to SEVIS must include the decimal point.)	Code from CIP 2000 list of codes that represents exchange visitor's subject or field of study. (See table entitled Major/Minor Codes for Students and Subject/Field Codes for Exchange Visitors)
				SFRemarks		R*	String	500	Remarks	Text field for providing remarks related to the SubjectField element.
			AddSiteOfActivity			O	Structure		Site of activity address	Structure used to provide information on site of activity for exchange visitor. Multiple sites of activity may be added when creating an exchange visitor. Structure is optional for Summer Work/Travel category only; if structure is used, elements identified with "R*" must be provided.
				SiteOfActivity		O	Structure		Site of Activity address	Structure used to provide elements of U.S. address for site of activity. Structure is optional; however, if structure is used, elements identified with "R*" must be provided.
					USAddr1	R*	String	60	Address line 1	First line of street address for site of activity.
					USAddr2	O	String	60	Address line 2	Second line of street address for site of activity.
					USCity	R*	String	60	City	City for site of activity address.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
					USState	R*	String	2	State	State for site of activity address. Two-digit code associated with the U.S. state must be used. (See table entitled State Codes)
					USPostalCode	R*	String	5	Zip code	Zip code for site of activity address.
					USPostalRoutingCode	O	String	4	Postal routing code	Four-digit postal routing code for site of activity address.
					SiteOfActivityName	R*	String	60	Site of Activity name	Text field for providing name of site of activity, e.g., Thunderbird Ranch Summer Camp
			UserDefinedA			O	String	10	User defined field A	A text field for recording any code used by the program sponsor to identify the exchange visitor, e.g., ID number or file number.
			UserDefinedB			O	String	14	User defined field B	A second field for recording any code used by the program sponsor to identify the exchange visitor.
	UpdateEV					O	Structure		Update exchange visitor NOTE: Up to 250 updates can be requested per upload file.	Structure used to provide updates to exchange visitor information already recorded in SEVIS. This structure is optional and is a mutually exclusive choice. Use the structure/elements associated with the update action that is being requested for the exchange visitor. The choices available are listed at the end of this table in Exhibit 12, Update Exchange Visitor Options. Multiple updates may be requested for a single exchange visitor; however, each update must be submitted as a separate request.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
			ExchangeVisitor			R*	Structure		Exchange visitor information	Structure used to provide information related to exchange visitor being updated.
			(sevisID)			R*	String	11	SEVIS ID (Format: N123456789)	SEVIS ID of exchange visitor being updated.
			(requestID)			R*	String	20	Request identifier	Individual record identifier must be provided for each record included in the upload file. Identifier must be unique within the upload file.
			(userID)			R*	String	10	SEVIS User ID of RO/ARO responsible for the request record	SEVIS User ID of RO/ARO responsible for the request record. Name associated with this user ID will be shown in signature block on DS-2019 PDF file, if print request indicator is 1 or TRUE.
			(printForm)			R*	Boolean	1	Print request indicator (Format: 1 or true; 0 or false)	Indicator used to request that DS-2019 in PDF file is returned with Batch download.
			UserDefinedA			O	String	10	User defined field A	A text field for recording any code used by the program sponsor to identify the exchange visitor, e.g., ID number or file number.
			UserDefinedB			O	String	14	User defined field B	A second field for recording any code used by the program sponsor to identify the exchange visitor.
			ValidateParticipant			O (Choice)	Structure		Validate participant	Structure used to validate the exchange visitor's participation in the program. Structure is optional, however, if structure is used, elements identified with "R*" must be provided.
			(printForm)			R*	Boolean	1	Print request indicator (Format: 1 or true; 0 or false)	Indicator used to request that DS-2019 in PDF file is returned with Batch download.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
					CurrentUSAddress	R*	Structure		Current US address information	Structure used to provide exchange visitor's current U.S. address.
					USAddr1	R*	String	60	Address line 1	First line of street address for exchange visitor's current U.S. address.
					USAddr2	O	String	60	Address line 2	Second line of street address for exchange visitor's current U.S. address.
					USCity	R*	String	60	City	City for exchange visitor's current U.S. address
					USState	R	String	2	State	State for exchange visitor's current U.S. address. Two-digit code associated with the U.S. state must be used. (See table entitled State Codes)
					USPostalCode	R*	String	5	Zip code	Zip code for exchange visitor's current U.S. address. *
					USPostalRoutingCode	O	String	4	Postal routing code	Four-digit postal routing code for exchange visitor's current U.S. address.
					EditEVBio	O (Choice)	Structure		Edit exchange visitor biographical information	Structure used to edit an existing exchange visitor's biographical information. Structure is optional; however, if structure is used, elements identified with "R*" must be provided.
					(printForm)	R*	Boolean	1	Print request indicator (Format: 1 or true; 0 or false)	Indicator used to request that DS-2019 in PDF file is returned with Batch download.
					FullName	O	Structure		Full name structure	Structure used to provide the full name elements for the exchange visitor.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
					LastName	R*	String	40	Last name	Last name of exchange visitor. If exchange visitor has only one name, the name is provided in this element.
					FirstName	O	String	40	First name	First name of exchange visitor.
					MiddleName	O	String	40	Middle name	Middle name of exchange visitor.
					Suffix	O	String	3	Suffix code (Format: Jr., Sr., I, II, III, IV)	Name suffix for exchange visitor. (See table entitled Name Suffix Codes)
					BirthDate	O	Date	10	Birth date (Format: yyyy-MM-dd)	Exchange visitor's birth date
					Gender	O	String	1	Gender (Format: M = Male, F = Female, or U = Unknown)	Exchange visitor's gender. A value is available to indicate the exchange visitor's gender is unknown. (See table entitled Gender Codes)
					BirthCountryCode	O	String	2	Country of birth	Exchange visitor's country of birth. Two-digit code associated with the exchange visitor's country of birth must be provided. Cannot be U.S. or U.S. Territory. Codes are provided for countries that have changed names or no longer exist. (See table entitled Country Codes)
					BirthCity	O	String	200	City of birth	City where exchange visitor was born.
					CitizenshipCountryCode	O	String	2	Country of citizenship	Exchange visitor's country of citizenship. Cannot be U.S. or U.S. Territory. Two-digit code associated with the exchange visitor's country of citizenship must be provided. (See table entitled Country Codes)

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
				PermanentResidenceCountryCode		O	String	2	Permanent residence country	Exchange visitor's country of legal permanent residence. Cannot be U.S. or U.S. Territory. Two-digit code associated with the exchange visitor's country of permanent residence must be provided. (See table entitled Country Codes)
				USAddress		O	Structure		Current US address information	Structure used to provide exchange visitor's U.S. address. Structure is optional, however, if structure is used, elements identified with "R*" must be provided.
				USAddr1		R*	String	60	Address line 1	First line of street address for exchange visitor's U.S. address.
				USAddr2		O	String	60	Address line 2	Second line of street address for exchange visitor's U.S. address.
				USCity		R*	String	60	City	City for exchange visitor's U.S. address
				USState		R*	String	2	State	State for exchange visitor's U.S. address. Two-digit code associated with the U.S. state must be used. (See table entitled State Codes)
				USPostalCode		R*	String	5	Zip code	Zip code for exchange visitor's U.S. address. *
				USPostalRoutingCode		O	String	4	Postal routing code	Four-digit postal routing code for exchange visitor's U.S. address.
				PositionCode		O	String	3	Position code (Format: Numeric)	The position that the exchange visitor holds in his/her home country. Three-digit numeric code representing the position held must be used. (See table entitled Exchange Visitor Position Code Type)

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
				Remarks		O	String	500	Remarks	Text field for providing remarks related to exchange visitor's biographic information update.
				AddSiteOfActivity		O (Choice)	Structure		Add Site of Activity	Structure used to provide information on site of activity being added. Multiple sites of activity may be added. Structure is optional; however, if structure is used, elements identified with "R*" must be provided.
				(printForm)		R*	Boolean	1	Print request indicator (Format: 1 or true; 0 or false)	Indicator used to request that DS-2019 in PDF file is returned with Batch download.
				SiteOfActivity		R*	Structure		Site of Activity address	Structure used to provide elements of U.S. address for site of activity.
					USAddr1	R*	String	60	Address line 1	First line of street address for site of activity. *
					USAddr2	O	String	60	Address line 2	Second line of street address for site of activity.
					USCity	R*	String	60	City	City for site of activity address.
					USState	R*	String	2	State	State for site of activity address. Two-digit code associated with the U.S. state must be used. (See table entitled State Codes)
					USPostalCode	R*	String	5	Zip code	Zip code for site of activity address.
					USPostalRoutingCode	O	String	4	Postal routing code	Four-digit postal routing code for site of activity address.
					SiteOfActivityName	R*	String	60	Site of Activity name	Text field for providing name of site of activity, e.g., Thunderbird Ranch Summer Camp.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
					Remarks	O	String	500	Remarks	Text field for providing remarks related to the site of activity.
					DeleteSiteOfActivity	O (Choice)	Structure		Delete Site of Activity	Structure used to provide information on site of activity that is being deleted. Structure is optional; however, if structure is used, elements identified with “R*” must be provided.
					(printForm)	R*	Boolean	1	Print request indicator (Format: 1 or true; 0 or false)	Indicator used to request that DS-2019 in PDF file is returned with Batch download.
					SiteOfActivityName	R*	String	60	Site of Activity name	Text field for providing name of site of activity being deleted, e.g., Thunderbird Ranch Summer Camp. Name matching is case sensitive. Only exact matching names will be deleted.
					Remarks	O	String	500	Remarks	Text field for providing remarks related to the deletion of the site of activity.
					UpdateSubjectField	O (Choice)	Structure		Update subject or field of study	Structure used to update the subject/field for the exchange visitor. Structure is optional; however, if structure is used, elements identified with “R*” must be provided.
					(printForm)	R*	Boolean	1	Print request indicator (Format: 1 or true; 0 or false)	Indicator used to request that DS-2019 in PDF file is returned with Batch download.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
				SubjectFieldCode		R*	String	7	Subject or field of study code (Format: 12.1234) (NOTE: The code sent to SEVIS should include the decimal point.)	Subject or field of study exchange visitor is performing while participating in a program. Seven- digit code associated with subject or field must be used. (See table entitled Major/Minor Codes for Students and Subject/Field Codes for Exchange Visitors)
				Remarks		O	String	500	Remarks	Text field for providing remarks related to the subject or field of study.
				UpdateRemarks		R*	String	500	Update remarks	Text field for providing remarks related to the update to the subject or field of study.
				AmendProgram		O (Choice)	Structure		Amend program	Structure used to provide information related to an amendment to the exchange visitor's program.
				(printForm)		R*	Boolean	1	Print request indicator (Format: 1 or true; 0 or false)	Indicator used to request that DS- 2019 in PDF file is returned with Batch download.
				ProgramStartDate		O	Date	10	Program start date (Format: yyyy-MM-dd)	Date the exchange visitor's program will begin. Exchange visitor cannot enter the U.S. more than 30 days prior to program start date. Program start date must be AFTER current date.
				ProgramEndDate		O	Date	10	Program End Date (Format: yyyy-MM-dd)	Date the exchange visitor's program will be completed.
				AmendProgramRemarks		R*	String	500	Amend program remarks	Text field for providing remarks related to the exchange visitor's program amendment.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
			FinancialUpdate			O (Choice)	Structure		Update financials information	Structure used to provide updated information related to financial support available to the exchange visitor. Structure is optional; however, if structure is used, elements identified with "R*" must be provided.
			(printForm)			R*	Boolean	1	Print request indicator (Format: 1 or true; 0 or false)	Indicator used to request that DS-2019 in PDF file is returned with Batch download.
			ReceivedUSGovFunds			O	Boolean	1	Indication of receipt of U.S. Government funds (Format: 1 or true; 0 or false)	Indication that exchange visitor has received funding from the U.S. Government.
			CurrentProgramSponsor			O	String	6	Program Sponsor funds (Format: Integer only, no dollar signs, decimals, or commas)	Amount of financial support being provided by the Program Sponsor.
			OtherFunds			O	Structure		Other financial support	Structure used to identify funding received from other organizations.
			USGovtOrg			O	Structure		U.S Government organization	Structure used to identify funding received from U.S. Government organizations. Funding may be received from a maximum of two (2) U.S. Government organizations. Structure is optional and all elements within structure are optional.
					GovtOrg1	O	String	3	U.S. Government organization 1	U.S. Government organization that is providing funding to the exchange visitor. Three-digit code associated with the organization type must be provided. (See table entitled U.S. Government Agency Codes)

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules	
						GovtOrg1Amount	O	String	6	U.S. Government organization amount (Format: Integer only, no dollar signs, decimals, or commas)	Amount of funding being provided by the U.S. Government organization identified in the element USGovOrg1. If an organization is provided in the element USGovOrg1, an amount must be provided.
						GovtOrg2	O	String	3	U.S. Government organization 2	U.S. Government organization that is providing funding to the exchange visitor. Three-digit code associated with the organization type must be provided. (See table entitled U.S. Government Agency Codes)
						GovtOrg2Amount	O	String	6	U.S. Government organization funding amount (Format: Integer only, no dollar signs, decimals, or commas)	Amount of funding being provided by the U.S. Government organization identified in the element USGovOrg2. If an organization is provided in the element USGovOrg2, an amount must be provided.
						InternatOrg	O	Structure		International organization funding	Structure used to identify funding received from international organizations. Funding may be received from a maximum of two (2) international organizations. Structure is optional and all elements within structure are optional.
						InternatOrg1	O	String	6	International organization 1	International organization that is providing funding to the exchange visitor. Code associated with the granting organization type must be provided. (See table entitled International Organization Codes)

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
					InternatOrg1Amount	O	String	6	International organization funding amount (Format: Integer only, no dollar signs, decimals, or commas)	Amount of funding being provided by the international organization identified in the element InternatOrg1. If an organization is provided in the element InternatOrg1, an amount must be provided.
					InternatOrg2	O	String	6	International organization 2 (Format: Integer only, no dollar signs, decimals, or commas)	International organization that is providing funding to the exchange visitor. Code associated with the granting organization must be provided. (See table entitled International Organization Codes)
					InternatOrg2Amount	O	String	6	International organization funding amount (Format: Integer only, no dollar signs, decimals, or commas)	Amount of funding being provided by the international organization identified in the element InternatOrg2. If an organization is provided in the element InternatOrg2, an amount must be provided.
					EVGovt	O	String	6	Financial support from exchange visitor's government (Format: U.S. dollars, integer only, no dollar signs, decimals, or commas)	Amount of funding being provided by the government of the exchange visitor's country. Amount can not be less than 1.
					BinationalCommission	O	String	6	Financial support from the Binational Commission (Format: U.S. dollars, integer only, no dollar signs, decimals, or commas)	Amount of funding being provided by the Binational Commission of the exchange visitor's country. Amount can not be less than 1.
					OtherOrg	O	String	6	Financial support from other organizations (Format: U.S. dollars, integer only, no dollar signs, decimals, or commas)	Total amount of funding being provided by other organizations. Amount can not be less than 1.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
					PersonalFunds	O	String	6	Personal funds (Format: U.S. dollars, integer only, no dollar signs, decimals, or commas)	Total amount of personal funds available to the exchange visitor. Amount can not be less than 1.
					FRemarks	O	String	500	Remarks	Text field for providing remarks related to exchange visitor's financial support.
			EVExtension			O (Choice)	Structure		Extension	Structure used to provide information on an extension to the exchange visitor's program, within the maximum duration of stay. Structure is optional; however, if structure is used, elements identified with "R*" must be provided. Extension can only be completed for an extension within the maximum duration of participation.
				(printForm)		R*	Boolean	1	Print request indicator (Format: 1 or true; 0 or false)	Indicator used to request that DS- 2019 in PDF file is returned with Batch download.
					ProgramEndDate	R*	Date	10	New program end date (Format: yyyy-MM-dd)	The new date that the exchange visitor's program will end.
					ExtendRemarks	O	String	500	Extend program remarks	Text field for providing remarks related to the extension of the exchange visitor's program.
			EVMatriculation			O (Choice)	Structure		Matriculation of exchange visitor	Structure used to provide information on the matriculation of an exchange visitor's program. Structure is optional; however, if structure is used, elements identified with "R*" must be provided.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
				(printForm)		R*	Boolean	1	Print request indicator (Format: 1 or true; 0 or false)	Indicator used to request that DS-2019 in PDF file is returned with Batch download.
				EVMatriculation		R*	String	2	Matriculation code (Format: 01 = Associate to Bachelors; 02 = Bachelors to Masters; 03 = Masters to Doctorate)	The code associate with the matriculation type for the exchange visitor. Two-digit code associate with matriculation type must be provided. (See table entitled Matriculation Codes)
				CorrectInfraction		O (Choice)	Structure		Correct minor or technical infraction	Structure used to provide information on action taken to correct minor or technical infraction. Structure is optional; however, if structure is used, elements identified with "R*" must be provided.
				(printForm)		R*	Boolean	1	Print request indicator (Format: 1 or true; 0 or false)	Indicator used to request that DS-2019 in PDF file is returned with Batch download.
				InfractionType		R*	String	3	Infraction type	Type of infraction being corrected. (See Table EV Infraction Code Type)
				NewEndDate		O	Date	10	New end date (Format: yyyy-MM-dd)	The new date that the exchange visitor's program will end.
				Remarks		O	String	200	Remarks	Text field for providing remarks related to the correct minor or technical infraction request.
				TerminateEV		O (Choice)	Structure		Terminate exchange visitor	Structure used to request termination of exchange visitor. Structure is optional; however, if structure is used, elements identified with "R*" must be provided.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
				TerminationReason		R*	String	6	Reason for termination (Format: Alpha only, ABCDEF)	The reason the exchange visitor is being terminated. Two-digit code associated with reason for termination must be provided. (See table entitled Exchange Visitor Termination Reason Codes)
				TerminationDate		R*	Date	10	Termination date (Format: yyyy-MM-dd)	The date the exchange visitor's termination is effective.
				TerminationRemarks		O	String	500	Remarks for termination	Text field for providing remarks related to the termination request.
			EndProgram			O (Choice)	Structure		End exchange visitor program	Structure used to request update to exchange visitor record to mark the program as ended. Structure is optional; however, if structure is used, elements identified with "R*" must be provided.
				EndProgramReason		R*	String	2	End program reason code (Format: Numeric only, 12)	The reason the exchange visitor's program has ended. Two-digit code associated with reason for ending program must be used. (See table entitled End Program Reason Codes)
				EffectiveDate		R*	Date	10	Termination date (Format: yyyy-MM-dd)	The date the program is ending.
				EndProgramRemarks		O	String	500	Remarks for end program	Text field for providing remarks related to the end program request.
			EditDependent			O (Choice)	Structure		Edit dependent information	Structure used to edit information related to a dependent. This structure is a mutually exclusive choice. Use the structure/element associated with the reason the dependent's record is being updated. If structure is used, elements identified with "R*" must be provided.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
				(dependentSevisID)		R*	String	11	SEVIS ID (Format: N123456789)	SEVIS ID of dependent being updated.
				(requestID)		R*	String	20	Request identifier	Individual record identifier must be provided for each record included in the upload file. Identifier must be unique within the upload file.
				UserDefinedA		O	String	10	User defined field A	A text field for recording any code used by the program sponsor to identify the dependent, e.g., ID number or file number.
				UserDefinedB		O	String	14	User defined field B	A second field for recording any code used by the program sponsor to identify the dependent.
				EditDependentPersonal		O (Choice)	Structure		Edit personal information for a dependent	Structure used to provide updated information relative to a single dependent. Structure is optional; however, if structure is used, elements identified with "R*" must be provided.
				(printForm)		R*	Boolean	1	Print request indicator (Format: 1 or true; 0 or false)	Indicator used to request that DS-2019 in PDF file is returned with Batch download.
				FullName		O	Structure		Full name	Structure used to provide full name elements for dependent.
					LastName	R*	String	40	Last name	Last name of dependent. If dependent has only one name, the name is provided in this element.
					FirstName	O	String	40	First name	First name of dependent.
					MiddleName	O	String	40	Middle name	Middle name of dependent.
					Suffix	O	String	3	Suffix code (Format: Jr., Sr., I, II, III, IV)	Name suffix for dependent. (See table entitled Name Suffix Codes)

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
					BirthDate	O	Date	10	Birth date (Format: yyyy-MM-dd)	Dependent's birth date.
					Gender	O	String	1	Gender (Format: M = Male, F = Female, or U = Unknown)	Dependent's gender. A value is available to indicate the dependent's gender is unknown. (See table entitled Gender Codes)
					BirthCity	O	String	200	City of birth	City where dependent was born.
					BirthCountryCode	O	String	2	Country of birth	Dependent's country of birth. Two- digit code associated with the dependent's country of birth must be provided. Cannot be U.S. or U.S. Territory. Codes are provided for countries that have changed names or no longer exist. (See table entitled Country Codes)
					CitizenshipCountryCode	O	String	2	Country of citizenship	Dependent's country of citizenship. Cannot be U.S. or U.S. Territory. Two-digit code associated with the dependent's country of citizenship must be provided. (See table entitled Country Codes)
					PermanentResidenceCountryCode	O	String	2	Permanent residence country	Dependent's country of legal permanent residence. Cannot be U.S. or U.S. Territory. Two-digit code associated with the dependent's country of permanent residence must be provided. (See table entitled Country Codes)

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
					Relationship	R*	String	2	Relationship (Format: 01 = Spouse; 02 = Child)	Dependent's relationship to exchange visitor. Regulations permit only one spouse to accompany exchange visitor to the U.S. Two-digit code for either Spouse or Child must be used. (See table entitled Dependent Type Codes)
					Remarks	O	String	500	Remarks	Text field for providing remarks on the update to dependent personal data.
					TerminateDependent	O (Choice)	Structure		Terminate dependent	Structure used to terminate a dependent, e.g., dependent is leaving the U.S. Structure is optional; however, if structure is used, elements identified with "R*" must be provided.
					TerminateReason	R*	String	2	Termination reason	The reason the dependent is being terminated. Two-digit code associated with reason for termination must be provided. (See table entitled Dependent Termination Reason Codes)
					OtherReason	O	String	500	Other termination reason	Text field for providing other reason dependent is being terminated. (See table entitled Exchange Visitor Dependent Termination Codes)
					EffectiveDate	R*	Date	10	Dependent termination date (Format: yyyy-MM-dd)	The date the dependent's termination is effective.
					Comments	O	String	500	Comments for termination	Text field for providing remarks on the dependent termination action.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
				DependentEndStatus		O (Choice)	Structure		End the status for a dependent	Structure used to end the status for a dependent. Structure is optional; however, if structure is used, elements identified with "R*" must be provided.
				EndStatusReason		R*	String	500	End status reason	Text field for providing the reason the dependent's status is ending.
				OtherReason		O	String	500	Other end status reason	Text field for providing other reason dependent's status is being ended.
				Comments		O	String	500	Remarks for end dependent status	Text field for providing an explanation of the reason the dependent's status is being ended.
			AddDependent			O (Choice)	Structure		Dependent information	Structure used to create a record for dependents that will accompany exchange visitor to the U.S. Structure is optional; however, if structure is used, elements identified with "R*" must be provided. A maximum of 25 dependents per exchange visitor may be entered in SEVIS.
				Dependent		O	Structure		Dependent	Structure used to provide information relative to a single dependent. Multiple Dependent structures may be included in a single create exchange visitor request. Structure is optional; however, if structure is used, elements identified with "R*" must be provided.
				(printForm)		R*	Boolean	1	Print request indicator (Format: 1 or true; 0 or false)	Indicator used to request that DS-2019 in PDF file is returned with Batch download.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
					FullName	R*	Structure		Full name	Structure used to provide full name elements for dependent.
					LastName	R*	String	40	Last name	Last name of dependent. If dependent has only one name, the name is provided in this element.
					FirstName	O	String	40	First name	First name of dependent.
					MiddleName	O	String	40	Middle name	Middle name of dependent.
					Suffix	O	String	3	Suffix code (Format: Jr., Sr., I, II, III, IV)	Name suffix for dependent. (See table entitled Name Suffix Codes)
					BirthDate	R*	Date	10	Birth date (Format: yyyy-MM-dd)	Dependent's date of birth.
					Gender	R*	String	1	Gender (Format: M = Male, F = Female, or U = Unknown)	Dependent's gender. A value is available to indicate the dependent's gender is unknown. (See table entitled Gender Codes)
					BirthCity	R*	String	200	City of Birth	City where dependent was born.
					BirthCountryCode	R*	String	2	Country of birth	Dependent's country of birth. Two-digit code associated with the dependent's country of birth must be provided. Cannot be U.S. or U.S. Territory. Codes are provided for countries that have changed names or no longer exist. (See table entitled Country Codes)
					CitizenshipCountryCode	R*	String	2	Country of citizenship	Dependent's country of citizenship. Cannot be U.S. or U.S. Territory. Two-digit code associated with the dependent's country of citizenship must be provided. (See table entitled Country Codes)

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
					PermanentResidenceCountryCode	R*	String	2	Permanent residence country	Dependent's country of legal permanent residence. Cannot be U.S. or U.S. Territory. Two-digit code associated with the dependent's country of permanent residence must be provided. (See table entitled Country Codes)
					UserDefinedA	O	String	10	User defined field A	A text field for recording any code used by the program sponsor to identify the dependent, e.g., ID number or file number.
					UserDefinedB	O	String	14	User defined field B	A second text field for recording any code used by the program sponsor to identify the dependent.
					Relationship	R*	String	2	Relationship (Format: 01 = Spouse; 02 = Child)	Dependent's relationship to exchange visitor. Regulations permit only one spouse to accompany exchange visitor to the U.S. Two-digit code for either Spouse or Child must be used. (See table entitled Dependent Type Codes)
					Remarks	O	String	500	Remarks	Text field for providing remarks related to the dependent being added.

Exhibit 13: Update Exchange Visitor Options

Item	Description
1.	Validate participation
2.	Edit exchange visitor biographical information
3.	Add Site of Activity
4.	Update subject field
5.	Amend program
6.	Update financial information
7.	Extend exchange visitor
8.	Report exchange visitor matriculation
9.	Correct infraction
10.	Terminate exchange visitor
11.	End exchange visitor program
12.	Edit dependent of exchange visitor
13.	Add dependent of exchange visitor

Exhibit 14: Department of State Maximum and Minimum Duration of Stay Rules

Category	Minimum Duration of Stay ²	Minimum Duration of Stay for Sponsors with Program Serial G-1, G-2, or G-3	Maximum Duration of Stay	Extension of Program Permitted by RO/ARO (if within maximum duration of stay)	Extension beyond maximum duration of stay is permitted and requires DOS adjudication
Professor and Research Scholar	3 weeks	N/A	3 years	<= 6 months	Yes
Teachers	3 weeks	N/A	3 years	Yes	Yes
Alien Physicians	3 weeks		7 years	Yes	Yes
International Visitors	N/A	N/A	1 year	Yes	Yes
Government Visitors	3 weeks	N/A	18 months	Yes	Yes
Short-Term Scholars	N/A	N/A	6 months	Yes	No
Specialists	3 weeks	N/A	1 year	Yes	
Camp Counselor	3 weeks	N/A	4 months	Yes	No
Summer Work Travel	3 weeks	N/A	N/A	Yes	No
Associate Degree Student	3 weeks	N/A	N/A	Yes	
Bachelor's Degree Student	3 weeks	N/A	N/A	Yes	
Master's Degree Student	3 weeks	N/A	N/A	Yes	
Doctorate Degree Student	3 weeks	N/A	N/A	Yes	
Non-Degree Student	3 weeks	N/A	2 years	Yes	No
Secondary Student	One academic semester (5 months)	One academic semester (5 months)	1 year	Yes	No
Au Pair	1 year	N/A	1 year	Yes	Yes
Flight Trainee	3 weeks	N/A	18 or 24 months	Yes	Yes
All Other Trainees	3 weeks	N/A	18 months	Yes	Yes

² Section 62.8 General program requirements.

(b) Minimum duration of program. Sponsors, other than the federal government agencies (NOTE: Identified by the program serial G-1, G-2 and G-3), shall provide each exchange visitor, except short-term scholars, with a minimum period of maximum program duration in the United States of three weeks.

Exhibit 15: Exchange Visitor and Dependent Age Requirements

Category	Age Requirements
Au Pair	Must be between the age of 18 and 26 years as of the program begin date
Camp Counselor	Must be at least 18 years of age as of the program begin date
Secondary School Student	Must be at least 15 years of age but not more than 18½ years of age as of the program begin date
Child Dependents	A child dependent cannot be 21 years of age or older. When a child dependent turns 21, the system will set the dependent's completion date to the current date.

APPENDIX E – STUDENT-DEPENDENT TRANSACTION LOG DATA ELEMENTS

APPENDIX E – STUDENT-DEPENDENT TRANSACTION LOG DATA ELEMENTS

The data elements described in the table shown below relate to the schema entitled “Student_TransLog.xsd”. When an element is marked with “R*” in the Required/Optional column, this indicates that the element is required under certain circumstances. For example, the structure to which the element belongs is Optional, however, if that structure is present in the upload file, the elements of that structure marked with “R*” are required.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
STUDENT_TRANS_LOG						R	Structure		Student Transaction Log	Structure used to report transaction results from the SEVIS Batch process.
TRANS_HEADER						R	Structure		Transaction header	Structure used to provide header information for the transaction log.
		DateTimeStamp				R	String	29	Date and time (Format: yyyy-MM-ddThh:mm:ss.SSS-hh:mm)	Date and time that file was uploaded. See Exhibit 15, Date Time Stamp Format for Transaction Logs, for an explanation of the elements of the date time stamp.
		FileName				R	String	30	Uploaded file name	File name of the uploaded file.
		BatchID				R	String	14	Batch ID	Identification number provided in the uploaded file.
		FileUploadResult				R	Structure		File upload result	Structure used to report the results of the file upload process.
		(status)				R	Boolean	1	File upload result (Format: 1 or true; 0 or false)	Indicator for whether the file upload passed or failed.
		FileErrorCode				O	String	5	Error code	Error code returned from the file upload.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
		FileValidation				O	Structure		XML Schema validation	Structure used to report results of the XML schema validation process.
		(status)				R*	Boolean	1	File validation result (Format: 1 or true; 0 or false)	Indicator for whether the XML schema validation process passed or failed.
		Errors				O	Structure		Errors	Structure used to report any errors encountered during the XML schema validation process.
			Error			O	Structure		Error	Structure used to document the specific error code and message.
				ErrorCode		O	String	5	Error code	Error code returned during XML schema validation process.
				ErrorMessage		O	String	500	Description of error code	Text description of the error code returned during XML schema validation process.
		RequestNum				O	Integer	5	Number of records uploaded	Number of records included in the uploaded file.
		SuccessfulRequest				O	Integer	5	Records processed successfully	Number of records successfully processed by SEVIS.
	TRANS_BODY					R	Structure		Body of transaction log	Structure used to report the results of the individual records processed.
	RECORD					R	Structure		Individual record	Structure used to report on the processing results for a specific record. There will be one record structure for each record processed.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
			(sevisID)			O	String	11	SEVIS ID (Format: Alpha/Numeric, N123456789)	SEVIS ID of student record processed.
			(requestID)			R	Attribute	20	Record identifier	Identifier used by the school to define the specific record in the uploaded file.
			(userID)			O	Attribute	10	SEVIS User ID	SEVIS user ID of the PDSO for the school/campus that submitted the Batch file upload.
			UserDefinedA			O	String	10	User defined field A	A text field for recording any code used by the school to identify the student, e.g., ID number or file number.
			UserDefinedB			O	String	14	User defined field B	A second field for recording any code used by the school to identify the student.
			ProcessDate			R	String	29	Date and time (Format: yyyy-MM- ddThh:mm:ss.SSS-hh:mm)	Date and time record request was processed by SEVIS. See Exhibit 15, Date Time Stamp Format for Transaction Logs, for an explanation of the elements of the date time stamp.
			RequestResult			R	Structure		Results of record processing	Structure used to report the results of processing an individual record.
			(status)			R	Boolean	1	Record processing result (Format: 1 or true; 0 or false)	Indicator for whether the record was processed successfully.
			SEVIS_ErrorCode			O	String	5	Error code	Error code returned during the processing of the individual record.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
				SEVIS_ErrorElement		O	String	500	Description of error code	Text description of the error code returned during the processing of the individual record.
				DEPENDENT_RECORD		O	Structure		Results of dependent record processing	Structure used to report the results of processing the dependent record.
				(dependentSevisID)		O	String	11	SEVIS ID (Format: Alpha/Numeric, N123456789)	SEVIS ID of dependent record processed.
				UserDefinedA		O	String	10	User defined field A	A text field for recording any code used by the school to identify the dependent, e.g., ID number or file number. See Note for Dependent Update Requests in Appendix C, Create-Update Student and Dependent Data Elements.
				UserDefinedB		O	String	14	User defined field B	A second field for recording any code used by the school to identify the dependent. See Note for Dependent Update Requests in Appendix C, Create-Update Student and Dependent Data Elements.
				RequestResult		R	Structure		Results of dependent record processing	Structure used to report the results of processing a dependent record.
				(status)		R	Boolean	1	Record processing result (Format: 1 or true; 0 or false)	Indicator for whether the dependent record was processed successfully.
				SEVIS_ErrorCode		O	String	5	Error code	Error code returned during the processing of the individual dependent record.

APPENDIX F – EXCHANGE VISITOR-DEPENDENT TRANSACTION LOG DATA ELEMENTS

APPENDIX F – EXCHANGE VISITOR-DEPENDENT TRANSACTION LOG DATA ELEMENTS

The data elements described in the table shown below relate to the schema entitled “EV_TransLog.xsd”. When an element is marked with “R*” in the Required/Optional column, this indicates that the element is required under certain circumstances. For example, the structure to which the element belongs is Optional, however, if that structure is present in the upload file, the elements of that structure marked with “R*” are required.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
EV_TRANSACTION_LOG						R	Structure		Exchange visitor and dependent Transaction Log	Structure used to report transaction results from the SEVIS Batch process for exchange visitors.
TRANS_HEADER						R	Structure		Transaction header	Structure used to provide header information for the transaction log.
		DateTimeStamp				R	String	29	Date and time (Format: yyyy-MM-ddThh:mm:ss.SSS-hh:mm)	Date and time that file was uploaded. See Exhibit 15, Date Time Stamp Format for Transaction Logs, for an explanation of the elements of the date time stamp.
		FileName				R	String	30	Uploaded file name	File name of the uploaded file.
		BatchID				R	String	14	Batch ID	Identification number provided in the uploaded file.
		FileUploadResult				R	Structure		File upload result	Structure used to report the results of the file upload process.
		(status)				R	Boolean	1	File upload result (Format: 1 or true; 0 or false)	Indicator for whether the file upload passed or failed.
		FileErrorCode				O	String	5	Error code	Error code returned from the file upload.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
		FileValidation				O	Structure		XML Schema validation	Structure used to report results of the XML schema validation process.
		(status)				R*	Boolean	1	File validation result (Format: 1 or true; 0 or false)	Indicator for whether the XML schema validation process passed or failed.
		Errors				O	Structure		Errors	Structure used to report any errors encountered during the XML schema validation process.
			Error			O	Structure		Error	Structure used to document the specific error code and message.
				ErrorCode		O	String	5	Error code	Error code returned during XML schema validation process.
				ErrorMessage		O	String	500	Description of error code	Text description of the error code returned during XML schema validation process.
		RequestNum				O	Integer	5	Number of records uploaded	Number of records included in the uploaded file.
		SuccessfulRequest				O	Integer	5	Records processed successfully	Number of records successfully processed by SEVIS.
	TRANS_BODY					R	Structure		Body of transaction log	Structure used to report the results of the individual records processed.
	RECORD					R	Structure		Individual record	Structure used to report on the processing results for a specific record. There will be a structure for each record processed.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
			(sevisID)			O	String	11	SEVIS ID (Format: Alpha/Numeric, N123456789)	SEVIS ID of exchange visitor record processed.
			(requestID)			R	Attribute	20	Record identifier	Identifier used by the program to define the specific record in the uploaded file.
			(userID)			O	Attribute	10	SEVIS User ID	SEVIS user ID of the RO/ARO for the program that submitted the Batch file upload.
			UserDefinedA			O	String	10	User defined field A	A text field for recording any code used by the program sponsor to identify the exchange visitor, e.g., ID number or file number.
			UserDefinedB			O	String	14	User defined field B	A second field for recording any code used by the program sponsor to identify the exchange visitor.
			ProcessDate			R	String	29	Date and time (Format: yyyy-MM- ddThh:mm:ss.SSS-hh:mm)	Date and time record request was processed by SEVIS. See Exhibit 15, Date Time Stamp Format for Transaction Logs, for an explanation of the elements of the date time stamp.
			RequestResult			R	Structure		Results of record processing	Structure used to report the results of processing an individual record.
			(status)			R	Boolean	1	Record processing result (Format: 1 or true; 0 or false)	Indicator for whether the record was processed successfully.
			SEVIS_ErrorCode			O	String	5	Error code	Error code returned during the processing of the individual record.

Data Elements and Attributes [Attributes are shown in parentheses, e.g., (userID)]						Required/ Optional	Data Field Type	Data Length	Data Definition	Business Rules
				SEVIS_ErrorElement		O	String	500	Description of error code	Text description of the error code returned during the processing of the individual record.
				DEPENDENT_RECORD		O	Structure		Results of dependent record processing	Structure used to report the results of processing the dependent record.
				(dependentSevisID)		O	String	11	SEVIS ID (Format: Alpha/Numeric, N123456789)	SEVIS ID of dependent record processed.
				UserDefinedA		O	String	10	User defined field A	A text field for recording any code used by the program sponsor to identify the dependent, e.g., ID number or file number.
				UserDefinedB		O	String	14	User defined field B	A second field for recording any code used by the program sponsor to identify the dependent.
				RequestResult		R	Structure		Results of dependent record processing	Structure used to report the results of processing a dependent record.
				(status)		R	Boolean	1	Record processing result (Format: 1 or true; 0 or false)	Indicator for whether the dependent record was processed successfully.
				SEVIS_ErrorCode		O	String	5	Error code	Error code returned during the processing of the individual dependent record.
				SEVIS_ErrorElement		O	String	500	Description of error code	Text description of the error code returned during the processing of the individual dependent record.

APPENDIX G – SEVIS UPLOAD RESULTS DATA ELEMENTS

APPENDIX G – SEVIS UPLOAD RESULTS DATA ELEMENTS

The data elements described in the table shown below relate to the schema entitled “Upload_Result.xsd”.

[illegible]

Exhibit 16: Date Time Stamp Format for Transaction Logs

Element	Description
yyyy	Four-digit Year
-	Hyphen Separator
MM	Month
-	Hyphen Separator
dd	Day
T	Separator between date and time – always “T”
hh	Hour represented in 24-hour format
:	Colon separator
mm	Minutes
:	Colon separator
ss	Seconds
.	Period Separator
SSS	Milliseconds
-	Hyphen Separator
hh	Hour represented in 12-hour format
:	Colon Separator
mm	Minutes